

**Materials List for:**

# From a 2DE-Gel Spot to Protein Function: Lesson Learned From HS1 in Chronic Lymphocytic Leukemia

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## Materials

| Name                                        | Company              | Catalog Number | Comments           |
|---------------------------------------------|----------------------|----------------|--------------------|
| Acetonitril                                 | MERCK                | 61830025001730 |                    |
| Ammonium Bicarbonate                        | SIGMA                | A6141-500G     |                    |
| 1,4-Dithioerythritol                        | SIGMA                | D9680-5G       |                    |
| Iodoacetamide                               | SIGMA                | I6125-25G      |                    |
| Calcium chloride dihydrate                  | SIGMA                | 223506-25G     |                    |
| Trypsin, Sequencing Grade                   | ROCHE                | 11418475001    |                    |
| α-cyano-4-hydroxycinnamic acid              | SIGMA                | C2020-10G      |                    |
| Trifluoroacetic acid                        | SIGMA                | T6580          |                    |
| ZipTip <sub>μ-C18</sub>                     | MILLIPORE            | ZTC18M096      |                    |
| RosetteSep Human B Cell Enrichment Cocktail | STEMCELL             | 15064          |                    |
| PBS                                         | EUROCLONE            | ECB4004L       |                    |
| FBS                                         | DOMINIQUE DUTSCHER   | S1810          |                    |
| Lymphoprep                                  | SENTINEL DIAGNOSTICS | 1114547        |                    |
| Trypan Blue                                 | SIGMA                | T8154          |                    |
| CD19                                        | BECKMAN COULTER      | 082A07770      | ECD                |
| CD5                                         | BECKMAN COULTER      | 082A07754      | PC5                |
| CD3                                         | BECKMAN COULTER      | 082A07746      | FITC               |
| CD14                                        | BD                   | 345785         | PE                 |
| CD16                                        | BECKMAN COULTER      | 082A07767      | PC5                |
| CD56                                        | BECKMAN COULTER      | 082A07789      | PC5                |
| Ettan IPGphor 3 Isoelectric Focusing Unit   | GE-Healthcare        | 11-0033-64     |                    |
| Urea                                        | SIGMA                | U6504          |                    |
| Tris-Hcl Buffer                             | BIO-RAD              | 161-0799       |                    |
| CHAPS                                       | SIGMA                | C2020-10G      |                    |
| DTT                                         | SIGMA                | D9163-5G       |                    |
| IPGstrips                                   | GE-Healthcare        | 17-1233-01     | Linear pH 4-7 18cm |
| IPGbuffer                                   | GE-Healthcare        | 17-6000-86     | pH 4-7             |
| Glycerol                                    | SIGMA                | G6279          |                    |
| PROTEAN II XL Cell                          | BIO-RAD              | 165-3188       |                    |

|                                                   |                      |           |                  |
|---------------------------------------------------|----------------------|-----------|------------------|
| SDS                                               | INVITROGEN           | NP0001    |                  |
| Acrilamide                                        | BIO-RAD              | 161-0156  |                  |
| Agarosio                                          | INVITROGEN           | 16500     |                  |
| Methanol                                          | SIGMA                | 32213     |                  |
| Acetic Acid                                       | VWR                  | 631000    |                  |
| Formalin                                          | BIO-OPTICAL          | 05-K01009 |                  |
| Ethanol                                           | VWR                  | 9832500   |                  |
| Sodium Thiosulfate                                | FLUKA                | 72049     |                  |
| Silver Nitrate                                    | FLUKA                | 85228     |                  |
| Molecular Dynamics Personal SI Laser Densitometer | Amersham Biosciences |           |                  |
| ImageMaster 2D Platinum 5.0                       | Amersham Biosciences |           |                  |
| Sodium Carbonate                                  | MERCK                | A0250292  |                  |
| MALDI-TOF Voyager-DE STR                          | Applied Biosystems   |           |                  |
| Data Explorer software (version 3.2)              | Applied Biosystems   |           |                  |
| transwell chambre 6.6 mm diameter                 | CORNING              | 3421      |                  |
| RPMI                                              | EUROCLONE            | ECB2000L  | WITH L-GLUTAMINE |
| Gentamicin                                        | SIGMA                | G1397     |                  |
| SDF-1                                             | PREPROTECH           | 300-28A   |                  |
| Flat-bottom 96-well plate                         | BECTON DICKINSON     | 353072    |                  |
| BSA                                               | SANTA CRUZ           | 9048-46-8 |                  |
| ICAM-1                                            | R&D Systems          | 720-IC    |                  |
| CMFDA                                             | Life Thechnology     | C7025     | Green            |
| IgM                                               | SOUTHERNBIOTECH      | 2020-02   |                  |
| Paraformaldehyde                                  | SIGMA                | P6148     |                  |
| Saponine                                          | SIGMA                | S-7900    |                  |
| Phalloidin                                        | Life Thechnology     | A12379    | Alexa fluor 488  |