

Materials List for:

# Monitoring Activation of the Antiviral Pattern Recognition Receptors RIG-I And PKR By Limited Protease Digestion and Native PAGE

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URL: <https://www.jove.com/video/51415>

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## Materials

| Name                                                                    | Company                                     | Catalog Number   | Comments                            |
|-------------------------------------------------------------------------|---------------------------------------------|------------------|-------------------------------------|
| <b>Cell culture</b>                                                     |                                             |                  |                                     |
| Dulbecco's modified Eagle's medium (DMEM)                               | Gibco                                       | 21969-035        |                                     |
| OptiMEM                                                                 | Gibco                                       | 31985-47         |                                     |
| L-glutamine                                                             | PAA                                         | 25030-024        |                                     |
| Penicillin-streptomycin                                                 | PAA                                         | 15070-063        |                                     |
| Fetal calf serum (FCS)                                                  | PAA                                         | 10270            |                                     |
| 0.05% Trypsin-EDTA                                                      | Gibco                                       | 25300-054        |                                     |
| <b>Chemicals</b>                                                        |                                             |                  |                                     |
| L-1-tosylamido-2-phenylethyl chloromethyl ketone-treated (TPCK) trypsin | Sigma Aldrich                               | T1426            |                                     |
| <b>Antibodies</b>                                                       |                                             |                  |                                     |
| Mouse monoclonal anti-RIG-I antibody (ALME-1)                           | Enzo Life Sciences                          | ALX-804-849-C100 | WB: 1:500 in 1% skim milk in TBS    |
| Mouse monoclonal anti-PKR (B10)                                         | Santa Cruz                                  | sc-6282          | WB: 1:500 in 1% skim milk in TBS    |
| Rabbit monoclonal anti-P-PKR (Thr446)                                   | Epitomics                                   | 1120-1           | WB: 1:1,000 in 5% BSA in TBS        |
| Rabbit polyclonal anti-IRF-3                                            | Santa Cruz                                  | sc-9082          | WB: 1:500 in 1% skim milk in TBS    |
| Rabbit monoclonal anti-P-IRF-3 (Ser386)                                 | IBL                                         | og-413           | WB: 1:100 in 1% skim milk in TBS    |
| Rabbit anti-RVSV hyperimmune serum "C2" (MP-12)                         | Kindly provided by Alejandro Brun CISA-INIA |                  | WB: 1:2,000 in 1% skim milk in TBS  |
| Mouse monoclonal anti-beta-actin (8H10D10)                              | Cell Signalling                             | 3700             | WB: 1:1,000 in 1% skim milk in TBS  |
| Polyclonal peroxidase-conjugated goat anti-rabbit                       | Thermo Fisher                               | 0031460 1892914  | WB: 1:20,000 in 1% skim milk in TBS |
| Polyclonal peroxidase-conjugated goat anti-mouse                        | Thermo Fisher                               | 0031430 1892913  | WB: 1:20,000 in 1% skim milk in TBS |