

**Materials List for:**

# **A Protocol for Computer-Based Protein Structure and Function Prediction**

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## **Materials**

| <b>Name</b>                                                                                                                                                                         | <b>Company</b> | <b>Catalog Number</b> | <b>Comments</b>  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------|------------------|
| Material Name                                                                                                                                                                       | Type           | Company               | Catalogue Number |
| FASTA formatted amino acid sequence of the protein to be modeled (see, <a href="http://www.ncbi.nlm.nih.gov/BLAST/fasta.shtml">http://www.ncbi.nlm.nih.gov/BLAST/fasta.shtml</a> ). |                |                       |                  |
| A personal computer with access to the internet and a web browser.                                                                                                                  |                |                       |                  |
| Molecular visualizing software, e.g. RASMOL or PYMOL, for analyzing the predicted tertiary structure and functional sites.                                                          |                |                       |                  |