

## Product datasheet for **TP721012XL**

### Serpinf1 (NM\_011340) Mouse Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Purified recombinant protein of Mouse serine (or cysteine) peptidase inhibitor, clade F, member 1 (Serpinf1)  |
| Species:                              | Mouse   |
| Expression Host:                      | E. coli   |
| Expression cDNA Clone or AA Sequence: | Asp43-Thr417  |
| Tag:                                  | Tag Free  |
| Predicted MW:                         | 42 kDa  |
| Concentration:                        | lot specific  |
| Purity:                               | >95% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl   |
| Endotoxin:                            | Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)   |
| Storage:                              | Store at -80°C.   |
| Stability:                            | Stable for at least 6 months from date of receipt under proper storage and handling conditions.   |
| RefSeq:                               | <a href="#">NP_035470</a>   |
| Locus ID:                             | 20317   |
| UniProt ID:                           | <a href="#">P97298</a>  |
| RefSeq Size:                          | 1497  |
| Cytogenetics:                         | 11 B5   |
| RefSeq ORF:                           | 1254  |
| Synonyms:                             | AI195227; EPC-1; Pedf; Pedfl; Sdf3  |
| Summary:                              | Neurotrophic protein; induces extensive neuronal differentiation in retinoblastoma cells. Potent inhibitor of angiogenesis. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.[UniProtKB/Swiss-Prot Function] |



[View online »](#)