

## Product datasheet for TP500055

### Serp1 (NM\_030685) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse stress-associated endoplasmic reticulum protein 1 (Serp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200055 protein sequence Red=Cloning site Green=Tags(s)

MVAKQRIRMANEKHSKNITQRGNVAKTSRNASPEEKASVGPWLLALFIFVCGSAIFQIIQSIRMGM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	7.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_109610</a></u>
Locus ID:	28146
UniProt ID:	<u><a href="#">Q9Z1W5</a></u>
RefSeq Size:	2457
Cytogenetics:	3 28.58 cM
RefSeq ORF:	201



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**Synonyms:** D3Ucla1; Ramp4

**Summary:** Interacts with target proteins during their translocation into the lumen of the endoplasmic reticulum. Protects unfolded target proteins against degradation during ER stress. May facilitate glycosylation of target proteins after termination of ER stress. May modulate the use of N-glycosylation sites on target proteins (By similarity).[UniProtKB/Swiss-Prot Function]