

## Product datasheet for **TP506570**

### Preb (NM\_016703) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse prolactin regulatory element binding (Preb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR206570 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MGRRRGVELYRAPFPLYALRIDPKTGLLIAAGGGGAAKTGKNGVHFLQLELINGCLSASLLHSHDTETR  
ATMNLALAGDILAAGQDAQCQLLRFQVHQKGSKAESKSGSKEQGPRQRKGAPPAEKKSGAQVHPEGVELK  
VKNLEAVQTDIFSNEPLQKVCFNHDNTLLATGGTDGHVRVWVKVPSLEKVFKAHEGEIGDLTLGPDGKL  
VTVGWDFKASVWQKDQLVTQLQWQENGPASSNTPYRYQACRFGQVPDQLGGLRLFTVQIPHKRLRQPPPC  
YLTAWDSSTFLPLRTRSCGHEVISCLSVSDSGTFLGLGTVTGSVAIYIAFSLQRLYYVKEAHGIVVTDVT  
FLPEKGCQKLLGPHETALFSVAVDSRCQLHLLPSRRSVPVWLLLLLCVGLIIVTILLLQTAFPQGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	45.4 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:	<a href="#">NP_057912</a>
Locus ID:	50907
UniProt ID:	<a href="#">Q9WUQ2</a> , <a href="#">Q3UAP1</a>



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RefSeq Size: 5471

Cytogenetics: 5 B1

RefSeq ORF: 1254

Synonyms: C85705

**Summary:** Guanine nucleotide exchange factor that specifically activates the small GTPase SAR1B. Mediates the recruitment of SAR1B and other COPII coat components to endoplasmic reticulum membranes and is therefore required for the formation of COPII transport vesicles from the ER. [UniProtKB/Swiss-Prot Function]