

Product datasheet for TP506251

Sec62 (NM_027016) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SEC62 homolog (<i>S. cerevisiae</i>) (Sec62), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206251 protein sequence Red =Cloning site Green =Tags(s) MAERRRHKKRIQEVGEPSSKEEKAVAKYLRFNCPKSTNMMGHRVDYFIASKAVECLLDSKWAKAKKGEDA LFTTRESVDYCNRLKKQFFHRALKVMKMKYDKDVKKEKDKGKSESGKEDDKSKKESVKEEKTKEKE KKKDGEKEDSKKEETPGTPKKKETKKFKLEPHDDQVFLDGNEVFVWIYDPVHIKTFVMGLILVIAVIAA TLFPLWPAEMRVGVYYLSVGAGCFVASILLIAIARCILFLIWLITGGRHHFWFLPNLTADVGFDISFRP LYTHEYKGPADLKKDEKSETKKQKSDSEKSDSEKKEDEEGKGAPADHGPESGGERHSDTDSDRRED DRSQHSSGNGNDFEMITKEELEQQTGDGDCDEEDDDKDGVEPKSAHEKS TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	45.6 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:	NP_081292
Locus ID:	69276
UniProt ID:	Q8BU14


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RefSeq Size:	3966
Cytogenetics:	3 A3
RefSeq ORF:	1194
Synonyms:	3100002M17Rik; AI844545; AW545092; Dtrp1; HTP1; Tloc1
Summary:	Mediates post-translational transport of precursor polypeptides across endoplasmic reticulum (ER). Proposed to act as a targeting receptor for small presecretory proteins containing short and apolar signal peptides. Targets and properly positions newly synthesized presecretory proteins into the SEC61 channel-forming translocon complex, triggering channel opening for polypeptide translocation to the ER lumen.[UniProtKB/Swiss-Prot Function]