

## Product datasheet for TP523287

### Sec31b (NM\_001033343) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Sec31 homolog B ( <i>S. cerevisiae</i> ) (Sec31b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223287 representing NM_001033343 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MKLKELEKPAVQAWSPARQYPVYLATG TSAQQLDASFSTNATLEIFEIDFRDPSLDLKHKGILSVSSRFH  
KLIWGSFGSGLLENSGVIAGGGDNGTLTLYNVTHVLSSGKEPLIAQKQKHTGAVRALDFNPFQGNLLASG  
ASDSEIFIWDLNHLSPMTPGPKSQNPPELIKALSWNLQVQHILASAHPSGKAVVWDLRKNENIIVSSH  
SSRMNCSGLAWNPDIA TQLVLCSEDDQLPVIQLWDLRFASSPLKVLESHSRGILSMSWNQADAELLSTA  
KDSQIFCWNLSSSEVVYKLPTQSSWCFDVQWCPQSPVFSVAVSFDGWISLCSVMGRSWEAQHMRQADKVP  
EQVAQASLIPPLKPPKWMRRPAGGSFAFGGKLVTFGLPSIPVQPVAAQCSRPFVIFISQVITSEVLTRSV  
VLQEALGSGNLLNYCQSKVQASLPCEKILWQFLKVTLEQDSRPKFLGLLGYSREELQKKVDTCLKSDSK  
SQESPQLEAVDLKSDRAHSPCAQASKHTAKEAESSAFFDELIPQNMTPWEIPTTEDTDGLLSQALLLGE  
LRSVELCLKEERFADAIILAQAGDAELLKWTQERYLAKRRTKTSSLLACVWKKNKDLVCACRLKNWRE  
ALALLLTYSGPEKFPCLDMLGTRMEQEGGRALTSEARLCYVCSGSVERLVESWAKFQQASSPMALQELM  
EQVTVLSRSELLQGSNKMSPGPATTHRLTQYANLLAAQGLATAMSFPSDCIQPGVQQLRDLRFLHAQG  
SAVLGQQAPAFPPRVAVGAALHSKETSSYRRGLQPPQVPAVSVRPRRTTAQPSSVMPFSPSPSPSQGS  
SDHRVLRPQAILPGHFVPGVRPALSPQLSGGQSVPAVNPAGFCGAWPLPGPTVPMASPDFMQPGSTHLP  
ETPRLLPLPPVGGPNPLSSQLPASPVTFSVAPPPGGPRAPCSSALPSSGILATCPGPQDSWKVSPASQ  
GNLQRKLPETFMPAPITAPLRSLGPEPQQALLPQLVSSATLPPPAPRECSLQQLPLPPERTEKEL  
PPEHQCVKDSFEALLQRCSLTATDLKTKRKLKLEEAARRLECLYEKLCGTLSPHVLAGLHEVARCVDAGSF  
EQGLAVHAQVAGCSSFSEVSSFMPMLKAVLTIAHKLQG

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	125.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001028515</a>
<b>Locus ID:</b>	240667
<b>UniProt ID:</b>	<a href="#">Q3TZ89</a>
<b>RefSeq Size:</b>	3923
<b>Cytogenetics:</b>	19 C3
<b>RefSeq ORF:</b>	3474
<b>Synonyms:</b>	Gm341; Sec31I2
<b>Summary:</b>	As a component of the coat protein complex II (COPII), may function in vesicle budding and cargo export from the endoplasmic reticulum.[UniProtKB/Swiss-Prot Function]