

Product datasheet for TP520233

Sec31a (NM_026969) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Sec31 homolog A (<i>S. cerevisiae</i>) (Sec31 a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220233 representing NM_026969 Red =Cloning site Green =Tags(s)

MKLKEIDRTAMQAWSPAQNHPYIATGTSAQQLDATFSTNASLEIFELDLSDPSLDMKSCATFSSSHRYH
KLIWGPBKMSKGDVSGVLIAGGENGNIILYDPSKIIAGDKEVIAQKDKHTGPVRALDVNIFQTNLVA
GANESIYIWLNNFATPMTPGAQTQPPEDISCIAWNRQVQHILASASPSGRATVWDLRKNPEIHKVSDH
SNRMHCSGLAWHPDVATQMVLA SEDDRLPVIQMWDLRFASSPLRVLENHARGILAVAWSMADPELLSCG
KDAKILCSNPNTGEVLYELPTNTQWCFDIQWCPNPAVLSAASFDRISVYSIMGGSIDGLRQKQVDKLS
SSFGLNDFPGTGQPLPPLQIPQQAQHSIVLPLKPKPWIRRPV GASFSFGGKLVTFESVAVPLQQAEG
QRRQPVFISQVTEKDFLNRSALQHAVQSQGFYGCQKKIEASQTEFEKNVWSFLKVNFEEDSRGKYLE
LLGYRKEDLGQKIALALNKVDGPDVALKDSQVAQSDGEESPAEEQLLGERIKEEKQECDFLPSAGGTF
NISVSGDIDGLITRALLTGNFESA VDLCLHDNR MADAIILAIAGGQELLAQTQKKYFAKSQSKITRLITA
VVMKNWREIVESCDLKNWREALAAVLTyakPDEFSALCDLLGTRLEREGD SLLRTQA CLCYICAGNVERL
VACWTKAQDGSSPLSLQDLIEKVILRKAVQLTQALDTNTV GALLAEKMSQYASLLAAQGSIAAALAF
DNTNQPNIVQLRDR LCKAQGKPVSGQESSQSPYERQPLSKGRPGPVAGHSQM PRVQTQQYYPHGENPPPP
GFIMQGNVIPNPAAPLPTAPGHMPSQLPPYPQPYPYQPAQQYSFGTGGAAAYRPQQPVAPPASNAYPNT
YISPVASYSGQPQMYTAQQASSPTSSSAASFPPSSGASFGHGGPGAPPSSAYALPPGTTGTPPAASEL
PASQRTE NQSFQDQASILEGPQNGWNDPPALNRVPK KKKMPENFMPPVITSPIMNPSGDPQSQGLQQQP
STPGPLSSHASFPQQHLAGGQPFHGVQQPLAQTGMPPSFSKPNTEGAPGAPIGNTIQHVQALPTEKITKK
PIPEEHLILKTTFEDLIQRCLSSATDPQTKRKLDDASKRLEFLYDKLREQTLSP TIINGLHSIARSIETR
NYSEGLSVH THIVSTSNFSETSAFMPVLKVVLSQASKLGV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	133.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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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_081245
Locus ID:	69162
UniProt ID:	Q3UPL0
RefSeq Size:	4244
Cytogenetics:	5 E4
RefSeq ORF:	3690
Synonyms:	1810024J13Rik; ABP125; ABP130; AU042160; HSPC275; Sec3111
Summary:	Component of the coat protein complex II (COPII) which promotes the formation of transport vesicles from the endoplasmic reticulum (ER) (By similarity). The coat has two main functions, the physical deformation of the endoplasmic reticulum membrane into vesicles and the selection of cargo molecules (By similarity).[UniProtKB/Swiss-Prot Function]