

Product datasheet for **TP310572M**

SEC23B (NM_032985) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Sec23 homolog B (<i>S. cerevisiae</i>) (SEC23B), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210572 protein sequence Red =Cloning site Green =Tags(s)

MATYLEFIQQNEERDGVRFSWNVWPSSRLEATRMVVPLACLLTPLKERPDLPVQYEPVLCRPTCKAVL
NPLCQVDYRAKLWACNFCFQRNQFPAYGGISEVNPQPAELMPQFSTIEYVIQRGAQSPLIFLYVVDTCLE
EDDLQALKESLQMSLSLLPPDALVGLITFGRMVQVHELSCGISKSYVFRGKDLTAKIQDMLGLTKPA
MPMQQARPAQPQEHPFASSRFLQPVHKIDMNLTDLGELQRDPWPVPTQGKRPLRSTGVALSIAVGLLEG
FPNTGARIMLFTGGPPTQGPMMVVGDELKIPRSWHDIEKDNARFMKKATKHYEMLANRTAANGHCIDIY
ACALDQTGLLEMKCCANLTGGYVMVGDSFNLSLFKQTFQRIFTKDFNGDFRMAFGATLDVKTSRELKIAG
AIGPCVSLNVKGLCVSENELGVGGTSQWKICGLDPTSTLGIYFEVNVQHNTPIPQGGRGAIQVTHYQHS
STQRRIRVTTIARNWADVQSQLRHIEAAFDQEA AVL MARLGVFRAESEEGPDVLRWLDRLQIRLCQKFG
QYNKEDPTSFRLSDSFSLYPQFMFHLRRSPFLQVFNNSPDESSYRHHFARQDLTQSLIMIPIYLSYSF
HGPPEPVLLDSSSILADRILLMDTFFQIVIYLGETIAQWRKAGYQDMPEYENFKHLLQAPLDDAQEILQA
RFPMPRYINTEHGGSQARFLLSKVNPSQTHNNLYAWGQETGAPILTDDVSLQVFM D H L K K L A V S S A C

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	86.3 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
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_116780
Locus ID:	10483
UniProt ID:	Q15437
RefSeq Size:	3447
Cytogenetics:	20p11.23
RefSeq ORF:	2301
Synonyms:	CDA-II; CDAIL; CDAN2; CWS7; HEMPAS; hSec23B
Summary:	The protein encoded by this gene is a member of the SEC23 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. The encoded protein has similarity to yeast Sec23p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. The function of this gene product has been implicated in cargo selection and concentration. Multiple alternatively spliced transcript variants have been identified in this gene. [provided by RefSeq, Feb 2010]

Product images:



Coomassie blue staining of purified SEC23B protein (Cat# [TP310572]). The protein was produced from HEK293T cells transfected with SEC23B cDNA clone (Cat# [RC210572]) using MegaTran 2.0 (Cat# [TT210002]).