

Product datasheet for **TP324858L**

SEC31B (NM_015490) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SEC31 homolog B (<i>S. cerevisiae</i>) (SEC31B), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224858 representing NM_015490 Red =Cloning site Green =Tags(s)

MKLEKELERPAVQAWSPASQYPLYLATGTSAAQQLDSSFSTNGTLEIFEVDVFRDPSLDLKHGRVLSALSRFH
KLVWGSFGSGLLESSGVIVGGDNGMLILYNVTHILSSGKEPVIAQKQKHTGAVRALDLNPFQGNLLASG
ASDSEIFIWDLNNLNVPMTLGSKSQQPPEDIKALSWNRQAQHILSSAHPSGKAVWDLRKNNEPIIKVSDH
SNRMHCSGLAWHPDIATQLVLCSEDDRLPVIQLWDLRFASSPLKVLESHSRGILSVSWSQADAELLTSA
KDSQILCRNLGSSEVVYKLPTQSSWCFDVQWCPRDPVSFSAASFNGWISLYSVMGRSWEVQHMRQADKIS
SSFSKGQPLPPLQVPEQVAQAPLIPPLKPPKWIRRPRTGVSFAFGGKLVTFGLPSTPAHLVQPQPCRLVF
ISQVTTESEFLMRSaelQEALGSGNLLNYCQNKSQALLQSEKMLWQFLKVTLEQDSRMKFLKLLGYSKD
ELQKKVATWLKSDVGLGESPQPKGNDLNSDRQAFCSQASKHTTKEASASSAFFDELVPQNMTPWEIPIT
KDIDGLLSQALLGELGPAVELCLKEERFADAIILAQAGTDLLKQTQERYLAKKKTISSLLACVVQKN
WKDVVCTCSLKNWREALALLTYSGTEKPELCDMLGTRMEQEGSRALTSEARLCYVCSGVERLVECWA
KCHQALSPMALQDLMEKVMVLNRSLEQLRPHGVSPGPATTYRVTYANLLAAQGSLATAMSFLPRDCAQ
PPVQQLRDRLFHAQGSAVLGQQSPFPFPRIVGATLHSHKETSRYLGSQPSHQVPTSPRPRVFTPQSS
PAMPLAPSHPSPYQGPRNQNISDYRAPGPQAIQPLPLSPGVRPASSQPQLLGGQRVQVNPVGFPGTWPL
PGSPLPMACPGIMRPGSTSLPETPRLFLLPLRPLGPRMVSHTPAPPASFPVYLPGDGAPCSSVLPT
TGILTPHGPQDSWKEAPAPRGNLQRNKLPEFMPAPITAPVMSLTPELQGILPSQPPVSSVSHAPPGV
PGELSLQLQHLPEKMERKELPPEHQSLKSSFEALLQRCSLSATDLKTKRKLKLEAAQRLEYLYEKLCCEGT
LSPHWAGLHEVARCVDAGSFEQGLAVHAQVAGCSSFSEVSSFMPILKAVLIIAHKLLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

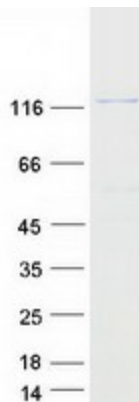
Tag:	C-Myc/DDK
Predicted MW:	128.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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.
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_056305
Locus ID:	25956
UniProt ID:	Q9NQW1
RefSeq Size:	4631
Cytogenetics:	10q24.31
RefSeq ORF:	3537
Synonyms:	SEC31B-1; SEC31L2
Summary:	This gene encodes a protein of unknown function. The protein has moderate similarity to rat VAP1 protein which is an endosomal membrane-associated protein, containing a putative Ca ²⁺ /calmodulin-dependent kinase II phosphorylation site. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified SEC31B protein (Cat# [TP324858]). The protein was produced from HEK293T cells transfected with SEC31B cDNA clone (Cat# [RC224858]) using MegaTran 2.0 (Cat# [TT210002]).