

Product datasheet for PH324858

SEC31B (NM_015490) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SEC31B MS Standard C13 and N15-labeled recombinant protein (NP_056305)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224858
Predicted MW:	129.1 kDa
Protein Sequence:	>RC224858 representing NM_015490 Red=Cloning site Green=Tags(s)

MKLKELERPAVQAWSPASQYPLYLATGTSAQQLDSSFSTNGTLEIFEVDFRDPSLDLKHGVL SALS RFLH
KLVWGSFGSGLLESSGVI VGGDNGMLILYNVTHILSSGKEPVI AQKQKHTGAVRALDLNPFQGNLLASG
ASDSEIF IWDLNNLNVPMTLGSKSQPPEDIKALSWNRQAQHILSSAHPSGKAVVWDLRKNPIIKVSDH
SNRMHCSGLAWHPDIATQLVLCSEDDRLPVIQLWDLRFASSPLKVL ESHSRGILSVSWSQADAELLLTSA
KDSQILCRNLGSSEVVYKLP TQSSWCFDVQWCPDRDPSVFSAA SFNGWISL YSVMGRSWEVQHMRQADKIS
SSFSGKQPLPPLQVPEQVAQAPLIPPLKKPKWIRRP TGVSFAFGGKLVTFGLPSTPAHLVPQPCPRLVF
ISQVTTESEFLMRS AELQEALGSGNLLNYCQNK SQALLQSEKMLWQFLKVTLEQDSRMKFLKLLGYSKD
ELQKKVATWLKSDVGLGESPQPKGNDLNSDRQQAFCSQASKHTTKEASASSAFFDELVPQNMTPWEIPIT
KDIDGLLSQALLGELGPAVELCLKEERFADAIILAQAGGTDLLKQTQERYLAKKTKISSLLACVVQKN
WKDVVCTCSLKNWREALALLLTYSGTEKFPEL CDMLGTRMEQEGSRALTSEARLCYVCSGSVERLVECWA
KCHQALSPMALQDLMEKVMV LNRSLEQLRPHGVSPGPATTYRVTYANLLAAQGS LATAMSFLPRDCAQ
PPVQQLRDRLFHAQGS AVL GQQSPFPFPRI VVGATLH SKETSSYRLG SQPSHQVPTSPRPRVFT PQSS
PAMPLAPSHPSYQGPRTQNI SDYRAGPQAIQPLPLSPGVRP ASSQPQLLGGQRVQV PNPVGFPGTWPL
PGSPLPMACPGIMRPGSTSLPETPRLP LPLRPLGPRMVSHTPAPPASFPVPYLP GDPGAPCSSVLPT
TGILTPHPGQDSWKEAPAPRGNLQRNKL PETFMPPAPITAPVMSLTPELQGILPSQPPVSSVSHAPPGV
PGELSLQLQHL PPEKMERKELPPEHQSLKSSFEALLQRCSL SATDLKTKRKL EEAQRLEYLYEKLCEGT
LSPHVAVGLHEVARCVDAGSFEQGLAVHAQVAGCSSFSEVSSFMPILKAVLIIAHKLLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

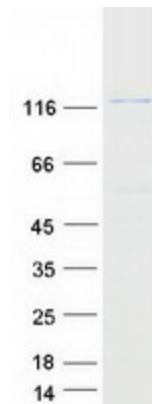
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_056305
RefSeq Size:	4631
RefSeq ORF:	3537
Synonyms:	SEC31B-1; SEC31L2
Locus ID:	25956
UniProt ID:	Q9NQW1
Cytogenetics:	10q24.31
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]).