

Product datasheet for PH317911

SEC23B (NM_006363) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SEC23B MS Standard C13 and N15-labeled recombinant protein (NP_006354)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217911
Predicted MW:	86.5 kDa
Protein Sequence:	>RC217911 protein sequence Red=Cloning site Green=Tags(s)

MATYLEFIQQNEERDGVRFSWNVWPSSRLEATRMVPLACLLTPLKERPDLPVQYEPVLCSRPTCKAVL
NPLCQVDYRAKLWACNFCFQRNQFPAYGGISEVNQPAELMPQFSTIEYVIQRGAQSPLIFLYVVDTCLE
EDDLQALKESLQMSLSLLPPDALVGLITFGRMVQVHELSCGISKSYVFRGTDKLTAKQIQDMLGLTKPA
MPMQQARPAQPQEHPFASSRFLQPVHKIDMNLTDLLGELQRDPWPVTQGKRPLRSTGVALSIAVGLLEGT
FPNTGARIMLFTGGPPTQGGPMVVGDELKIPISWHDIEKDNARFMKKATKHYEMLANRTAANGHCIDIY
ACALDQTGLLEMCCANLTGGYVMGDSFNLSLFKQTFQRIFTKDFNGDFRMAFGATLDVKTSLRELKIA
AIGPCVSLNVKGLCVSENELGVGGTSQWKICGLDPTSTLGIYFEVVNQHNTPIPQGGRAIQFVTHYQHS
STQRRIRVTTIARNWADVQSQLRHIEAAFDQEA-AAVLMARLGVFRAESEEGPDVLRWLDRLQIRLQKQFG
QYNKEDPTSFRLSDSFLYPQFMHLRRSPFLQVFNNSPDESSYRHHFARQDLTQSLIMIPIILYSYSF
HGPPPEVLLDSSSILADRILLMDTFFQIYIYLGETIAQWRKAGYQDMPEYENFKHLLQAPLDDAQEILQA
RFPMPRYINTEHGGSQARFLLSKVNPSQTHNNLYAWGQETGAPILTDDVSLQVFMHLLKLAIVSSAC

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
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:	<u>NP_006354</u>

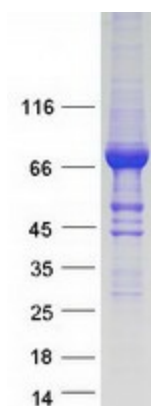


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RefSeq Size:	3429
RefSeq ORF:	2301
Synonyms:	CDA-II; CDAIL; CDAN2; CWS7; HEMPAS; hSec23B
Locus ID:	10483
UniProt ID:	Q15437
Cytogenetics:	20p11.23

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# [TP317911]). The protein was produced from HEK293T cells transfected with SEC23B cDNA clone (Cat# [RC217911]) using MegaTran 2.0 (Cat# [TT210002]).