

Product datasheet for PH307655

SEPTIN12 (NM_144605) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SEPT12 MS Standard C13 and N15-labeled recombinant protein (NP_653206)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207655
Predicted MW:	40.7 kDa
Protein Sequence:	>RC207655 protein sequence Red=Cloning site Green=Tags(s)
	MDPLRRSPSPCLSSQPSSPSTPPCEMLGPVGIEAVLDQLKIKAMKMGFEFNMVVVQSGLGKSTMVNTLF KSKVWKSPPGLGVPTPQTLQLHSLTHVIEEKGVKLLTVTDTPGFGDQINNDNCWDPILGYINEQEYQY LQEEILITRQRHIPDTRVHCCVYFVPPTGHCLRPLDIEFLQRLCRTVNVVPIARADSLTMEERAEFRRR IQQNLRTHCIDVYPQMCFDEDINDKILNSKLRDRIPFAVVGADQEHLVNGRCVLGRKTKWGIIEVENMAH CEFPLLRDLLIRSHLQDLKDITHNIHYENYRIVRLNESHLLPRGPGWVNLAPASPGQLTTPRTFKVCRGA HDDSDDEF
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_653206</u>
RefSeq Size:	1524
RefSeq ORF:	1074
Synonyms:	SEPT12; SPGF10
Locus ID:	124404



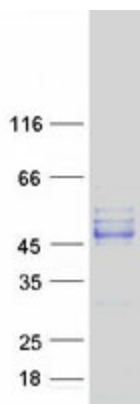
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UniProt ID: [Q8IYM1](#)

Cytogenetics: 16p13.3

Summary: This gene encodes a guanine-nucleotide binding protein and member of the septin family of cytoskeletal GTPases. Septins play important roles in cytokinesis, exocytosis, embryonic development, and membrane dynamics. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Product images:



Coomassie blue staining of purified SEPTIN12 protein (Cat# [TP307655]). The protein was produced from HEK293T cells transfected with SEPTIN12 cDNA clone (Cat# [RC207655]) using MegaTran 2.0 (Cat# [TT210002]).