

Product datasheet for PH327527

EXOC7 (NM_001145299) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EXOC7 MS Standard C13 and N15-labeled recombinant protein (NP_001138771)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227527
Predicted MW:	80.5 kDa
Protein Sequence:	>RC227527 representing NM_001145299 Red=Cloning site Green=Tags(s)

MIPPQEASARRREIEDKLKQEEETLSFIRDSLEKSDQLTKNMVSISSSFESRLMKLENSIIPVHKQTENL
QRLQENVEKTLSCLDHVISYHYVASDTEKIIIREGPTGRLEEYLGSMIAIQKAVEYFQDNPSPELNKVK
LLFERGKEALESEFRSLMTRHSKVVSPVILDLISGDDLEAQEDVTLLEHLPESVLQDVIRISRWLVEYG
RNQDFMNVYYQIRSSQLDRSIKGLKEHFHKSSSSSGVPYSPAIPNKRKDTPTKKPVKRPGTIRKAQNLLK
QYSQHGLDGKGGSNLIPLEGHEHDFRVKHLSEALNDKHGPLAGRDDMLDVETDAYIHCVSFAVKLAQSE
YQLLADIPEHHQKKTFDLSLIQDALDGLMEGENIVSAARKAIVRHDFSTVLTVPILRHLKQTKPEFDQ
VLQGTAASTKNKLPGLITSMETIGAKALEDFADNIKNPDKKEYNMPKDGTVHELTSNAILFLQQLDFQE
TAGAMLASQETSSSATSYSSEFSKRLSTYICKVLGNLQLNLLSKSKVYEDPALSAIFLHNNYNYILKSL
EKSELIQLVAVTQKTAERSYREHIEQQIQTYQRSWLKVTDYIAEKNLPVFPQPGVKLRDKERQI IKERFKG
FNDGLEELCKIQKAWAIPDTEQRDRIRQAQKTI VKETYGAFLQKFGSVFPFTKNPEKYIKYGVQVGMID
RLFD TSA

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_001138771



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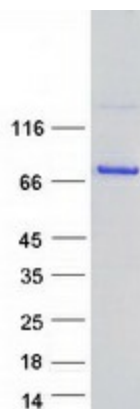
RefSeq ORF:	2121
Synonyms:	2-5-3p; BLOM4; EX070; EXO70; Exo70p; EXOC1; NEDSEBA; YJL085W
Locus ID:	23265
UniProt ID:	Q9UPT5 , Q63HP7
Cytogenetics:	17q25.1

Summary: The protein encoded by this gene is a component of the exocyst complex. The exocyst complex plays a critical role in vesicular trafficking and the secretory pathway by targeting post-Golgi vesicles to the plasma membrane. The encoded protein is required for assembly of the exocyst complex and docking of the complex to the plasma membrane. The encoded protein may also play a role in pre-mRNA splicing through interactions with pre-mRNA-processing factor 19. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 4. [provided by RefSeq, Nov 2011]

Protein Families: Druggable Genome

Protein Pathways: Insulin signaling pathway

Product images:



Coomassie blue staining of purified EXOC7 protein (Cat# [TP327527]). The protein was produced from HEK293T cells transfected with EXOC7 cDNA clone (Cat# [RC227527]) using MegaTran 2.0 (Cat# [TT210002]).