

Recombinant Human EXOC7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EXOC7-772H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EXOC7 MS Standard C13 and N15-labeled recombinant protein (NP_056034) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	74.5 kDa
AA Sequence	MIPPQEASARRREIEDKLKQEEETLSFIRDSLEKSDQLTKNMVSILSSFESRLMKLEN SIIPVHKQTENLQRLQENVEKTLSCLDHVISYYHVASDTEKIIREGPTGRLEEYLGSM KIQKAVEYFQDNSPDSPENKVKLLFERGKEALESEFRSLMTRHSKVVSPVLILDLS GDDDLAQEDVTLEHLPESVLQDVIRISRWLVEYGRNQDFMNVYYQIRSSQLDRSIK GLKEHFHKSSSSSGVPYSPAIPNKRKDTPTKKPKVSRPGRDDMLDVETDAYIHCVSF

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VKLAQSEYQLLADIPEHHQKKTFDLSLIQDALDGLMLEGENIVSAARKAIVRHDFSTVL
TVFPILRHLKQTKPEFDQVLQGTAASTKNKLPGLITSMETIGAKALEDFAADNIKNDPDK
EYNMPKDGTVHELTSNAILFLQQLDFQETAGAMLASQETSSSATSYSSEFSKRLLS
TYICKVLGNLQLNLLSKSKVYEDPALSAIFLHNNYNYILKSLEKSELIQLVAVTQKTAER
SYREHIEQQIQTYQRSWLKVTDYIAEKNLPVFQPGVKLRDKERQIIKERFKGFNDGLE
ELCKIQKAWAIPDTEQRDRIRQAQKTIVKETYGAFLQKFGSVPFTKNPEKYIKYGVEQ
VGDMIDRLFDTSATRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name EXOC7 exocyst complex component 7 [Homo sapiens (human)]

Official Symbol EXOC7

Synonyms EXOC7; exocyst complex component 7; EXO70; Exo70p; KIAA1067; YJL085W; exocyst complex component Exo70; EXO70; EXOC1; 2-5-3p; FLJ40965; FLJ46415; DKFZp686J04253;

Gene ID 23265

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mRNA Refseq	NM_015219
Protein Refseq	NP_056034
MIM	608163
UniProt ID	Q9UPT5

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