

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

Cat. No. EXOC7-4376H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EXOC7 MS Standard C13 and N15-labeled recombinant protein (NP_001138771) 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	80.5 kDa
AA Sequence	MIPPQEASARRREIEDKCLKQEEETLSFIRDSLEKSDQLTKNMVSISSSFESRLMKLEN SIIPVHKQTENLQRLQENVEKTLSCLDHVISYYHVASDTEKIIREGPTGRLEEYLGSM KIQKAVEYFQDNSPDSPELNKVKLLFERGKEALESEFRSLMTRHSHKVVSPVLILD LISGDDDLAQEDVTLEHLPESVLQDVIRISRWLVEYGRNQDFMNVYYQIRSSQLDRSIK GLKEHFHKSSSSSGVPYSPAIPNKRKDTPTKKPKRPGTIRKAQNLLKQYSQHGLDG

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KKGGSNLIPLEGHEHDFRVKHLSEALNDKHGPLAGRDDMLDVETDAYIHCVSAFVKL
 AQSEYQLLADIPEHHQKKTFDLSLIQDALDGLMLEGENIVSAARKAIVRHDFSTVLTVF
 PILRHLKQTKPEFDQVLQGTAASTKNKLPGLITSMETIGAKALEDFADNIKNDPDKEY
 NMPKDGTVHELTSNAILFLQQLLDFQETAGAMLASQETSSSATSYSSEFSKRLLSTYI
 CKVLGNLQLNLLSKSKVYEDPALSAIFLHNNYNYILKSLEKSELIQLVAVTQKTAERSY
 REHIEQQIQTYQRSWLKVTDYIAEKNLPVFPQGVKLRDKERQIIKERFKGFNDGLEEL
 CKIQKAWAIPDTEQRDRIRQAQKTIVKETYGAFLQKFGSVPFTKNPEKYIKYGVEQVG
 DMIDRLFDTSATRTRPLEQKLISEEDLAANDILDYKDDDDKV

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; EX070; EXOC1; 2-5-3p; FLJ40965; FLJ46415; DKFZp686J04253;

Gene ID 23265

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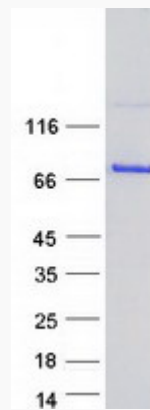
mRNA Refseq [NM_001145299](#)

Protein Refseq [NP_001138771](#)

MIM [608163](#)

UniProt ID [Q9UPT5](#)

SDS-PAGE



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