

Recombinant Human EXOC8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EXOC8-862H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EXOC8 MS Standard C13 and N15-labeled recombinant protein (NP_787072) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a component of the exocyst complex, an evolutionarily conserved multi-protein complex that plays a critical role in vesicular trafficking and the secretory pathway by targeting post-Golgi vesicles to the plasma membrane. This protein is a target of activated Ral subfamily of GTPases and thereby regulates exocytosis by tethering vesicles to the plasma membrane. Mutations in this gene may be related to Joubert syndrome.
Molecular Mass	81.6 kDa
AA Sequence	MAMAMSDSGASRLRRQLES GGFEARLYVKQLSQSDGDRDLQEHRQRIQALAEET AQNLRNVYQNYRQFIETAREISYLESEMYQLSHLLTEQKSSLESIPLTLLPAAAAAG AAAASGGEEGVGGAGGRDHLRGQAGFFSTPGGASRDGSGPGEEGKQRTLTTLLLE KVEGCRHLLLETPGQYLVYNGDLVEYDADHMAQLQRVHGFLMNDCLLVATWLPQRR GMYRYNALYSLDGLAVNVKDNPPMKDMFKLLMFESRIFQAENAKIKREWLEVLE DTKRALSEKRRREQEEAAAPRGPPQVTSKATNPFEDDEEEEPVPEVEEEKVDLSM EWIQELPEDLDVCIAQRDFEGAVDLLDKLNHYLEDKPSPPPVKELRAKVEERVRLT

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EVLVFELSPDRSLRGGPKATRRAVSQLIRLGQCTKACELFLRNRAAAVHTAIRQLRIE
 GATLLYIHKLCHVFFTSLLETAREFEIDFAGTDSGCYSAFVWARSAMGMFVDAFSK
 QVFDSKESLSTAAECVKVAKEHCQQLGDIGLDLTFIIHALLVKDIQGALHSYKEIIIIEAT
 KHRNSEEMWRRMNLMTPEALGKLKEEMKSCGVSNFEQYTGDWCWNLSYTVVAF
 TKQTMGFLEEALKLYFPELHMLVLESVEILVAVQHVDYSLRCEQDPEKKAFIRQNA
 SFLYETVLPVVEKRFEEGVGKPAKQLQDLRNASRLIRVNPESTTSVTRTRPLEQKLI
 SEEDLAANDILDYKDDDDKV

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	EXOC8 exocyst complex component 8 [Homo sapiens (human)]
Official Symbol	EXOC8
Synonyms	EXOC8; exocyst complex component 8; EXO84; Exo84p; SEC84; exocyst complex 84 kDa subunit; exocyst complex 84-kDa subunit;
Gene ID	149371
mRNA Refseq	NM_175876

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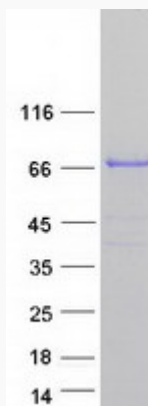
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Protein Refseq NP_787072

MIM 615283

UniProt ID Q8IYI6

SDS-PAGE



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