

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

MAMAMSDSGASRLRRQLESGGFEARLYVKQLSQSDGDRDLQEHRQRIQALAEET
 AQLKRNQYQNYRQFIETAREISYLESEMYQLSHLLTEQKSSLESIPLTLLPAAAAAG
 AAAASGGEEGVGGAGGRDHLRGQAGFFSTPGGASRDGSGPGEEGKQRTLTTLLLE
 KVEGCRHLLLETPGQYLVYNGDLVEYDADHMAQLQRVHGFLMNDCLLVATWLPQRR
 GMYRYNALYSLDGLAVVNVKDNPPMKDMFKLLMFESRIFQAENAKIKREWLEVLE
 DTKRALSEKRRREQEEAAAPRGPPQVTSKATNPFEDDEEEEPVPEVEEEKVDLSM
 EWIQELPEDLDVCIAQRDFEGAVDLLDKLNHYLEDKPSPPPVKELRAKVEEVRQLT

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EVLVFELSPDRSLRGGPKATRRRAVSQLIRLGQCTKACELFLRNRAAAVHTAIRQLRIE
 GATLLYIHKLCHVFFTSLLETAREFEIDFAGTDSGCYSAFVWARSAMGMFVDAFSK
 QVFDSKESLSTAAECVKVAKEHCQQLGDIGLDLTFIIHALLVKDIQGALHSYKEIIIIEAT
 KHRNSEEMWRRMNLMTPEALGKLKEEMKSCGVSNFQYTGDDCWVNLSTVAVAF
 TKQTMGFLEEALKLYFPELHMVLLVLESLVEIILVAVQHVDYSLRCEQDPEKKAFIRQNA
 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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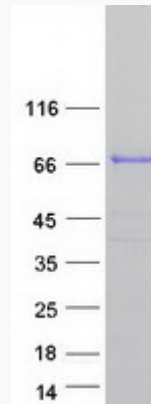
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Protein Refseq NP_787072

MIM 615283

UniProt ID Q8IYI6

SDS-PAGE



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