

Recombinant Full Length Human EXOC5 Protein, GST-tagged

Cat. No. EXOC5-4404HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human EXOC5 full-length ORF (NP_006535.1, 1 a.a. - 708 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	708 amino acids
Description	The protein encoded by this gene is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of epithelial cell surface polarity. [provided by RefSeq, Jul 2008]
Molecular Mass	108.3 kDa
AA Sequence	MATTAELFEFPFVADEYIERLVWRTPGGGSRGGPEAFDPKRLLEEFVNHIQELQIMD ERIQRKVEKLEQQCQKEAKEFAKKVQELQKSNQVAFQHFQELDEHISYVATKVCHL GDQLEGVNTPRQRAVEAQKLMKYFNEFLDGLKSDVFTNSEKIKEAADIQKLHLIAQ ELPFDRFSEVKSKIASKYHDLECQLIQEFTSAQRRGEISRMREVAAVLLHFKGYSHC VDVYIKQCQEGAYLRNDIFEDAGILCQRVKNQVGDIFSNPETVLAKLIQNVFEIKLQSF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VKEQLEECRKSDAEQYLKNLYDLYTRTTNLSSKLMFNLGTDKQTFLSKLIKSIFISYL
 ENYIEVETGYLKSRSAMILQRYYDSKNHQKRSIGTGGIQDLKERIRQRTNLPLGPSID
 THGETFLSQEVVVNLLQETKQAFERCHRLSDPSDLPRNAFRIFTILVEFLCIEHIDYAL
 ETGLAGIPSSDSRNANLYFLDVVQQANTIFHLFDKQFNDHLMPLISSSPKLSECLQKK
 KEIIEQMEMKLDTGIDRTLNCMIGQMKHILAAEQKKTDFKPEDENNVLIQYTNACVKV
 CAYVRKQVEKIKNSMDGKNVDTVLMELGVRFHRLIYEHLQQYSYSCMGMLAICDV
 AEYRKCAKDFKIPMVLHLFDLHALCNLLVVAPDNLKQVCSGEQLANLDKNILHSFVQ
 LRADYRSARLARHFS

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

EXOC5 exocyst complex component 5 [Homo sapiens]

Official Symbol

EXOC5

Synonyms

EXOC5; exocyst complex component 5; SEC10 (S. cerevisiae) like 1 , SEC10 like 1 (S. cerevisiae) , SEC10L1; SEC10; SEC10P; SEC10-like 1; exocyst complex component Sec10; HSEC10; PRO1912; SEC10L1; DKFZp666H126;

Gene ID

10640

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mRNA Refseq	NM_006544
Protein Refseq	NP_006535
MIM	604469
UniProt ID	O00471

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