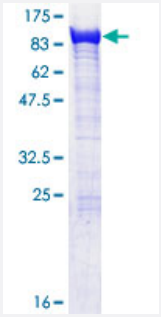
Full-Length

EXOC5 (Human) Recombinant Protein (P01)

Catalog # H00010640-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EXOC5 full-length ORF (NP_006535.1, 1 a.a. - 708 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MATTAELFEEPFVADEYIERLVWRTPGGGSRGGPEAFDPKRLLEEFVNHIQELQIMDERIQRKVEK LEQQCQKEAKEFAKKVQELQKSNQVAFQHFQELDEHISYVATKVCHLGDQLEGVNTPRQRAVE AQKLMKYFNEFLDGELKSDVFTNSEKIKEAADIIQKLHLIAQELPFDRFSEVKSKIASKYHDLECQLI QEFTSAQRRGEISRMREVAAVLLHFKGYSHCVDVYIKQCQEGAYLRNDIFEDAGILCQRVNKQVG DIFSNPETVLAKLIQNVFEIKLQSFVKEQLEECRKSDAEQYLKNLYDLYTRTTNLSSKLMEFNLGTD KQTFLSKLIKSIFISYLENYIEVETGYLKSRSAMILQRYYDSKNHQKRSIGTGGIQDLKERIRQRTNLPL GPSIDTHGETFLSQEVVVNLLQETKQAFERCHRLSDPSDLPRNAFRIFTILVEFLCIEHIDYALETGL AGIPSSDSRNANLYFLDVVQQANTIFHLFDKQFNDHLMPLISSSPKLSECLQKKKEIIEQMEMKLDT GIDRTLNCMIGQMKHILAAEQKKTDFKPEDENNVLIQYTNACVKVCAYVRKQVEKIKNSMDGKNVD TVLMELGVRFHRLIYEHLQQYSYSCMGGMLAICDVAEYRKCAKDFKIPMVLHLFDTLHALCNLLVV APDNLKQVCSGEQLANLDKNILHSFVQLRADYRSARLARHFS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	108.3
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Preparation Method	*in vitro* wheat germ expression system

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — EXOC5

Entrez GeneID	10640
GeneBank Accession#	NM_006544.3
Protein Accession#	NP_006535.1
Gene Name	EXOC5
Gene Alias	DKFZp666H126, HSEC10, PRO1912, SEC10, SEC10L1, SEC10P
Gene Description	exocyst complex component 5
Omim ID	604469
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a component of the exocyst complex, a multiple protein comp lex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Th ough 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

Other Designations	SEC10 protein|SEC10-like 1

Disease

- Arthritis