

Recombinant Full Length Human EXOC6 Protein, GST-tagged

Cat. No. EXOC6-4407HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human EXOC6 full-length ORF (ACE87850.1 , 1 a.a. - 803 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	361 amino acids
Description	The protein encoded by this gene is highly similar to the <i>Saccharomyces cerevisiae</i> SEC15 gene product, which is essential for vesicular traffic from the Golgi apparatus to the cell surface in yeast. It is one of the components of a multiprotein complex required for exocytosis. The 5' portion of this gene and two neighboring cytochrome p450 genes are included in a deletion that results in an autosomal-dominant form of nonsyndromic optic nerve aplasia (ONA). Alternative splicing and the use of alternative promoters results in multiple transcript variants. A paralogous gene encoding a similar protein is present on chromosome 2. [provided by RefSeq, Jan 2016]
Molecular Mass	114.73 kDa
AA Sequence	MAENSGSLGTVPEHERILQEIESTDTACVGPTLRVYDDQPNAHKKFMEKLDACIRN HDKEIEKMCNFHHQGFVDAITELLKVRTDAEKLKVQVTDTRRRFQDAGKEVIVHTEDI IRCRIQQRNITTVVEKLQLCLPVLEMYSKLKEQMSAKRYYSALKTMEQLENVYFPWV SQYRFCQLMIENLPKLREDIKEISMSDLKDFLESIRKHSDKIGETAMKQAQHQKTFSV

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SLQKQNKMKFGKNMYINRDRIPERNETVLKHSLEEEEDENEEEILTVQDLVDFSPVY
 RCLHIYSVLGDEETFENYYRKQRKKQARLVLQPQSNMHETVDGYRRYFTQIVGFFV
 VEDHILHVTQGLVTRAYTDELWNMALSIIAVLRAHSSYCTDPDLVLELKNLTVIFADT
 LQGYGFPVNRLFDLLFEIRDQYNETLLKKWAGVFRDIFEEDNYSPIPVVNEEEYKIVIS
 KFPFQDPDLEKSFPPKFPMSQSVPHIYIQVKEFIYASLKFSESLHRSSTEIDDMLRKST
 NLLLTRLSSCLLNLIRKPHIGLTELVQIIINTTHLEQACRYLEDFITNITNISQETVHTTR
 LYGLSTFKDARHAAEGEIYTKLNQKIDFVQLADYDWTMSEPDGRASGYLMDLINFL
 RSIFQVFTHLPGKVAQTACMSACQHLSTSLMQMLLDSELKQISMGAVQQFNLDVIQC
 ELFASSEPVPGFQGDTLQLAFIDLRQLLDLFMVWDWSTYLADYGQPASKYLRVNP
 TALTLLEKMKDTSKKNIFAQFRKNDRDKQKLIETVVKQLRSLVNGMSQHM

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	EXOC6 exocyst complex component 6 [Homo sapiens]
Official Symbol	EXOC6
Synonyms	EXOC6; exocyst complex component 6; SEC15 like 1 (S. cerevisiae) , SEC15L1; DKFZp761I2124; EXOC6A; FLJ1125; MGC33397; SEC15L; Sec15p; SEC15-like 1; SEC15-like protein 1; SEC15-like protein 3; exocyst complex component Sec15A;

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SEC15; SEC15L1; SEC15L3; FLJ11251;

Gene ID

54536

mRNA Refseq

NM_001013848

Protein Refseq


NP_001013870

MIM

609672

UniProt ID

Q8TAG9

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