

Recombinant Human EXOC6 Protein, GST-tagged

Cat. No. EXOC6-3561H 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	Wheat Germ
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 HDKEIEKMCNFHHQGFVDAITELLKVRTDAEKLKVQVTDTNRRFQDAGKEVIVHTEDI IRCRIQQRNITTVEKLQLCLPVLEMYSKLKEQMSAKRYYSALKTMEQLENVYFPWV SQYRFCQLMIENLPKLREDIKEISMSDLKDFLESIRKHSDKIGETAMKQAQHQKTFSV SLQKQNKMKFGKNMYINRDRIPEERNETVLKHSLEEEEDENEEEILTVQDLVDFSPVY

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

RCLHIYSVLGDEETFENYYRKQRKKQARLVLQPQSNMHETVDGYRRYFTQIVGFFV
 VEDHILHVTQGLVTRAYTDELWNMALSIIAVLRAHSSYCTDPDLVLELKNLTVIFADT
 LQGYGFPVNRLFDLLFEIRDQYNETLLKKWAGVFRDIFEEDNYSPIPVVNEEEYKIVIS
 KFPFQDPDLEKSFPPKFPMSQSVPHIYIQVKEFIYASLKFSSELSHRSSTEIDDMLRKST
 NLLLTRLSSCLLNLRKPHIGLTELVQIIINTTHLEQACRYLEDFITNITNISQETVHTTR
 LYGLSTFKDARHAAEGEIYTKLNQKIDEFVQLADYDWTMSEPDGRASGYLMDLINFL
 RSIFQVFTHLPGKVAQTACMSACQHLSTSLMQMLLDSELKQISMGAVQQFNLDVIQC
 ELFASSEPVPGFQGDTLQLAFIDLRQLLDLFMVWDWSTYLADYGQPASKYL RVNPN
 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; SEC15; SEC15L1; SEC15L3; FLJ11251;

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Gene ID	54536
mRNA Refseq	NM_001013848
Protein Refseq	NP_001013870
MIM	609672
UniProt ID	Q8TAG9

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