

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	MAENSGSLGTVPEHERILQEIESTDTACVGPTLRSVYDDQPNAHKKFMEKLDACIRN HDKEIEKMCNFFHHQGFVDAITELLKVRTDAEKLKVQVTDNRRFQDAGKEVIVHTEDI 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
KFPFQDPDLEKSFPKKFPMSQSVPHIYIQVKEFIYASLKFSSELSHRSSTEIDMLRKST
NLLLTRLSSCLLNLRKPHIGLTELVQIIINTTHLEQACRYLEDFITNITNISQETVHTTR
LYGLSTFKDARHAAEGEIYTKLNQKIDFVQLADYDWTMSEPDGRASGYLMDLINFL
RSIFQVFTHLPGKVAQTACMSACQHLSTSLMQMLLDSELKQISMGAVQQFNLDVIQC
ELFASSEPVPGFQGDTLQLAFIDLRQLLDLFMVWDWSTYLADYGQPASKYLRVNP
TALTLEKMKDTSKKNIFAQFRKNDRDKQKLIETVVKQLRSLVNGMSQHM

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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