

Recombinant Human EXOC7, His-tagged

Cat. No. EXOC7-28334TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 361-653 of Human EXOC7 isoform 2 with N terminal His tag; 293 amino acids, 35kDa.
Species	Human
Source	E.coli
ProteinLength	361-653 a.a.
Description	EXOC7 is a component of the exocyst, which is an evolutionarily conserved octameric protein complex essential for exocytosis. The exocyst targets secretory vesicles at specific domains of the plasma membrane for cell surface expansion and protein secretion (Zuo et al.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 63 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	KPEFDQVLQGTAASTKNKLPGLITSMETIGAKALED FADN IKNDPDKEYNMPKDGTV HELTSNAILFLQQLLDFQETA GAMLASQETSSSATSYSSEFSKRLLSTYICKVLGNLQ

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L NLLSKSKVYEDPALSAIFLHNNYNYILKSLEKSELIQLVA VTQKTAERSYREHIEQQI
QTYQRSWLKVTDYIAEKNLP VFQPGVKLRDKERQIIKERFKGFNDGLEELCKIQKAW
A IPDTEQRDRIRQAQKTIVKETYGAFLQKFGSVPFTKNP EKYIKYGVEQVGDMDRL
FDTSA

**Sequence
Similarities**

Belongs to the EXO70 family.

GENE INFORMATION

Gene Name EXOC7 exocyst complex component 7 [Homo sapiens]

Official Symbol EXOC7

Synonyms EXOC7; exocyst complex component 7; EXO70; Exo70p; KIAA1067; YJL085W;

Gene ID 23265

mRNA Refseq NM_001013839

Protein Refseq NP_001013861

MIM 608163

Uniprot ID Q9UPT5

**Chromosome
Location** 17q25.3

Pathway

Arf6 trafficking events, organism-specific biosystem; CDC42 signaling events, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Insulin Pathway, organism-specific biosystem; Insulin Synthesis and Processing,

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organism-specific biosystem;

Function

protein binding;

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