

Recombinant Human EXOC1, GST-tagged

Cat. No. EXOC1-12585H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EXOC1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350a.a.
Description	The protein encoded by this gene is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of the 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. Alternatively spliced transcript variants encoding distinct isoforms have been described.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	EXOC1 exocyst complex component 1 [Homo sapiens]
Official Symbol	EXOC1
Synonyms	EXOC1; exocyst complex component 1; SEC3 like 1 (S. cerevisiae) , SEC3L1; BM 102; FLJ10893; SEC3; Sec3p; SEC3-like 1; exocyst complex component Sec3; SEC3P; BM-102; SEC3L1;
Gene ID	55763
mRNA Refseq	NM_001024924
Protein Refseq	NP_001020095
MIM	607879
UniProt ID	Q9NV70
Chromosome Location	4q12
Pathway	Arf6 trafficking events, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Insulin Pathway, organism-specific biosystem; Insulin Synthesis and Processing, organism-specific biosystem;