Recombinant Human SEC24A protein, GST-tagged

Cat. No. SEC24A-46H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEC24A(301 a.a. - 390 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	301-390 a.a.
Description	The protein encoded by this gene belongs to a family of proteins that are homologous to yeast Sec24. This protein is a component of coat protein II (COPII)-coated vesicles that mediate protein transport from the endoplasmic reticulum. COPII acts in the cytoplasm to promote the transport of secretory, plasma membrane, and vacuolar proteins from the endoplasmic reticulum to the golgi complex. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	35.64 kDa
AA Sequence	PLTSSYRDVPQPLFNSAVNQEGITSNTNNGSMVVHSSYDEIEGGGLLATPQLTNKNP KMSRSVGYSYPSLPPGYQ NTTPPGATGVPPSSL
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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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.

GENE INFORMATION

Gene Name	SEC24A SEC24 family, member A (S. cerevisiae) [Homo sapiens]
Official Symbol	SEC24A
Synonyms	SEC24A; SEC24 family, member A (S. cerevisiae); SEC24 (S. cerevisiae) related gene family, member A; protein transport protein Sec24A; SEC24-related protein A; SEC24 related gene family, member A;
Gene ID	10802
mRNA Refseq	NM_001252231
Protein Refseq	NP_001239160
MIM	607183
UniProt ID	O95486
Chromosome Location	5q31.1
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen Presentation: Folding, assembly and peptide loading of class I MHC, organism-specific biosystem; Asparagine N-linked glycosylation, organism-specific biosystem; COPII (Coat Protein 2) Mediated Vesicle Transport, organism-specific biosystem; COPII complex,

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	organism-specific biosystem; Class I MHC mediated antigen processing and presentation, organism-specific biosystem;
Function	molecular_function; zinc ion binding;

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