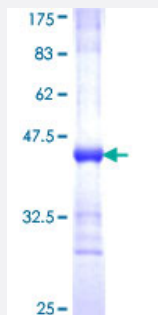


SEC8L1 (Human) Recombinant Protein (Q01)

Catalog # H00060412-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SEC8L1 partial ORF (NP_068579, 1 a.a. - 109 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAEAAGGKYRSTVSKSKDPSGLLISVIRTLSTSDDDVEDRENEKGRLEEAYEKCDRDLDELIVQH YTELTTAIRTYQSITERITNSRNKIKQVKENLLSCKMLLHCKRD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EXOC4

Entrez GeneID [60412](#)

GeneBank Accession# [NM_021807](#)

Protein Accession# [NP_068579](#)

Gene Name EXOC4

Gene Alias MGC27170, REC8, SEC8, SEC8L1, Sec8p

Gene Description exocyst complex component 4

Omim ID [608185](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 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. The complex is also essential for the biogenesis of epithelial cell surface polarity. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations SEC8 protein|SEC8-like 1

Pathway

- [Tight junction](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Arthritis](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Heart Diseases](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)