

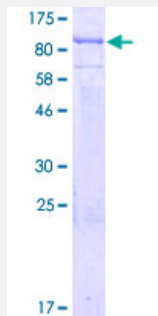
Full-Length

SEC16B (Human) Recombinant Protein (P01)

Catalog # H00089866-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SEC16B full-length ORF (AAH09106.1, 1 a.a. - 625 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MELWAPQRLPQTRGKATAPSKDPDRGFRDGHHRPVPHSWHNGERFHQWQDNRGSPQPQQE
PRADHQQQPHYASRPGDWHQPVSGVDYYEGGYRNQLYSRPGYENSYSQSYQSPTMREEYAYGSY
YYHGHPQWLQEERVPRQRSPYWHEDYREQYLDEHHYENQHSPFGTNSETHFQSNSRNPCKD
SPASNSGQEWPGELFPGSLLAEAQKNKPSLASESNLLQQRESGLSSSSYELSQYRDAPERDDP
PASAASWPVQAEDVSSAGPKAPMKFYIPHPVSFGPGGQLVRVGPSSPTDGQAALVELHSMEV
ILNDSEEQEEMRSFSGPLIREDVHKVDIMTFCQQKAAQSCCKSETLGSRDALLWQLLVLLCRQNG
SMVGSDIAELLMQDCKKLEKYKRQPPVANLINLTDEDWPVLSSGTPNLLTGEIPPSVETPAQVEK
FTRLLYYGRKKEALEWAMKNHLWGHALFLSSKMDPQTYSWVMMSGFTSTLALNDPLQTLFQLMSG
RIPQAATCCGEKQWGDWRPHLAVILSNQAGDPELYQRAIVAIGDTLAGKGLVEAAHFCYLMAHVP
FGHYTVKTDHLVLLGSSHRYATWEKGNSKDIFQGTVLALVGFYGSFHFLLM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

97.2

Interspecies Antigen Sequence

Mouse (74)

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 — SEC16B

Entrez GeneID	89866
GeneBank Accession#	BC009106.1
Protein Accession#	AAH09106.1
Gene Name	SEC16B
Gene Alias	DKFZp686C2486, FLJ23871, FLJ25761, FLJ33652, FLJ36620, LZTR2, PGPR-p117, RGPR, SEC16S
Gene Description	SEC16 homolog B (S. cerevisiae)
Gene Ontology	Hyperlink
Gene Summary	SEC16B is a mammalian homolog of S. cerevisiae Sec16 that is required for organization of transitional endoplasmic reticulum (ER) sites and protein export (Bhattacharyya and Glick, 2007 [PubMed 17192411]).[supplied by OMIM]
Other Designations	RGPR-p117 leucine zipper transcription regulator 2 regucalcin gene promotor region related protein

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)