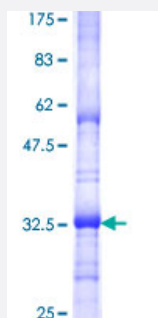


SURF4 (Human) Recombinant Protein (Q01)

Catalog # H00006836-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SURF4 partial ORF (NP_149351, 1 a.a. - 60 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGQNDLMGTAEDFADQFLRVTKQYLPHVARLCLISTFLEDGIRMWFQWSEQRDYIDTTWN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.34
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 — SURF4

Entrez GeneID [6836](#)

GeneBank Accession# [NM_033161](#)

Protein Accession# [NP_149351](#)

Gene Name SURF4

Gene Alias ERV29, FLJ22993, MGC102753

Gene Description surfeit 4

Omim ID [185660](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is located in the surfeit gene cluster, which is comprised of very tightly linked housekeeping genes that do not share sequence similarity. The encoded protein is a conserved integral membrane protein containing multiple putative transmembrane regions. In eukaryotic cells, protein transport between the endoplasmic reticulum and Golgi compartments is mediated in part by non-clathrin-coated vesicular coat proteins (COPs). The specific function of this protein has not been determined but its yeast homolog is directly required for packaging glycosylated pro-alpha-factor into COPII vesicles. This gene uses multiple polyadenylation sites, resulting in transcript length variation. The existence of alternatively spliced transcript variants has been suggested, but their validity has not been determined. [provided by RefSeq]

Other Designations OTTHUMP00000022476|surface 4 integral membrane protein|surfeit locus protein 4

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)