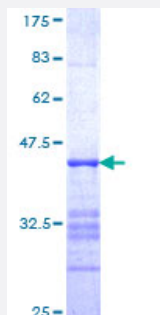


ITSN2 (Human) Recombinant Protein (Q01)

Catalog # H00050618-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ITSN2 partial ORF (NP_006268, 471 a.a. - 571 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NQKNREQEIVRLNSKKKLNHLEALNGKHQQISGRLQDVRLKKQTQKTELEVLDKQCDLEIMEIKQLQQELQEYQNKLIYLVPEKQLLNERIKNMQFSN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.85
Interspecies Antigen Sequence	Mouse (94); Rat (94)
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 — ITSN2

Entrez GeneID [50618](#)

GeneBank Accession# [NM_006277](#)

Protein Accession# [NP_006268](#)

Gene Name ITSN2

Gene Alias KIAA1256, PRO2015, SH3D1B, SH3P18, SWA, SWAP

Gene Description intersectin 2

Omim ID [604464](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a cytoplasmic protein which contains SH3 domains. This protein is a member of a family of proteins involved in clathrin-mediated endocytosis. Intersectin 2 is thought to regulate the formation of clathrin-coated vesicles and also may function in the induction of T cell antigen receptor (TCR) endocytosis. Alternatively spliced transcript variants have been found for this gene that encode three distinct isoforms. Additional variants have been found but their full length nature has not been determined. [provided by RefSeq]

Other Designations SH3 domain protein 1B|SH3P18-like WASP associated protein

Disease

- [Angina Pectoris](#)
- [Coronary Vasospasm](#)
- [Genetic Predisposition to Disease](#)