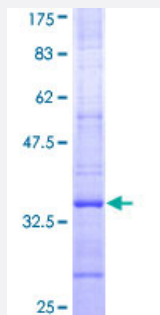


SYVN1 (Human) Recombinant Protein (Q01)

Catalog # H00084447-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SYVN1 partial ORF (NP_079434, 238 a.a. - 318 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	HTFPLFAIRPMYLAMRQFKKAVTDAIMSRRRAIRNMNTLYPDATPEELQAMDNVCIICREEMVTGAKR LPCNHIFHTSCLRS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.65
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — SYVN1

Entrez GeneID [84447](#)

GeneBank Accession# [NM_032431](#)

Protein Accession# [NP_079434](#)

Gene Name SYVN1

Gene Alias HRD1, KIAA1810, MGC40372

Gene Description synovial apoptosis inhibitor 1, synoviolin

Omim ID [608046](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein involved in endoplasmic reticulum (ER)-associated degradation. The encoded protein removes unfolded proteins, accumulated during ER stress, by retrograde transport to the cytosol from the ER. This protein also uses the ubiquitin-proteasome system for additional degradation of unfolded proteins. This gene and the mitochondrial ribosomal protein L49 gene use in their respective 3' UTRs some of the same genomic sequence. Sequence analysis identified two transcript variants that encode different isoforms. [provided by RefSeq]

Other Designations synoviolin 1

Pathway

- [Ubiquitin mediated proteolysis](#)