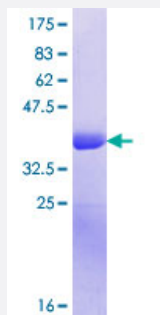


SYT13 (Human) Recombinant Protein (Q01)

Catalog # H00057586-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SYT13 partial ORF (NP_065877.1, 36 a.a. - 135 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KKGLLPDQDPDLEKAKPSLLGSAQQFNVKKSTEPVQPRALLKFPDIYGPRPAVTAPEVINYADY SLRSTEEPTAPASPQPPNDSRLKRQVTEELFILPQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (89); Rat (89)
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 — SYT13

Entrez GeneID [57586](#)

GeneBank Accession# [NM_020826](#)

Protein Accession# [NP_065877.1](#)

Gene Name SYT13

Gene Alias KIAA1427

Gene Description synaptotagmin XIII

Omim ID [607716](#)

Gene Ontology [Hyperlink](#)

Gene Summary SYT13 belongs to the large synaptotagmin protein family. All synaptotagmins show type I membrane topology, with an extracellular N terminus, a single transmembrane region, and a cytoplasmic C terminus containing tandem C2 domains. Major functions of synaptotagmins include vesicular trafficking, exocytosis, and secretion.[supplied by OMIM]

Other Designations -

Disease

- [Tobacco Use Disorder](#)