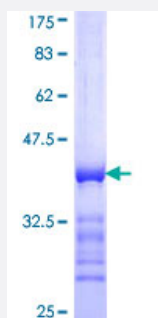


SYNJ1 (Human) Recombinant Protein (Q01)

Catalog # H00008867-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SYNJ1 partial ORF (NP_003886, 1474 a.a. - 1573 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KISNPKGWVTFEEEEEDFGVKGKSKSACSDLLGNQPSSFSGSNLTLNDDWNKGTVSFCVLPSRRPPPPPVLLPPGTSPVDPFTTLASKASPTLDFTER
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (64); Rat (28)
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 — SYNJ1

Entrez GeneID [8867](#)

GeneBank Accession# [NM_003895](#)

Protein Accession# [NP_003886](#)

Gene Name SYNJ1

Gene Alias INPP5G

Gene Description synaptojanin 1

Omim ID [604297](#)

Gene Ontology [Hyperlink](#)

Gene Summary Synaptojanin 1 is a phosphoinositide phosphatase that regulates levels of membrane phosphatidylinositol-4,5-bisphosphate. As such, expression of this enzyme may affect synaptic transmission and membrane trafficking.[supplied by RefSeq]

Other Designations OTTHUMP00000067399|inositol 5'-phosphatase (synaptojanin 1)|synaptojanin-1, polyphosphoinositide phosphatase

Pathway

- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Bipolar Disorder](#)
- [Schizophrenia](#)