

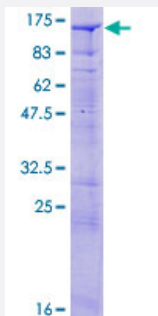
Full-Length

# SYNJ2 (Human) Recombinant Protein (P01)

Catalog # H00008871-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human SYNJ2 full-length ORF ( AAH43277.1, 1 a.a. - 839 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MGGKAGNKGAVGIRFQFHSTSFCEICSHLTAGQSQVKERNEDYKEITQKLCFPMGRNVFSDHYVF  
WCGDFNYRIDLTYYEEVFYFVKRQDWKKLLEFDQLQLQKSSGKIFKDFHEGAINFGPTYKYDVGSA  
AYDTSKCRTPAWTDRVLWWRKHPFDKTAGELNLLDSDLVDTKVRHTWSPGALQYYGRAEL  
QASDHRPVLAMEVEVQEVDVGARERVFQEVSSFQGPLDATVVVNLQSPTLEEKNEFPEDLRTE  
LMQTLGSYGTIVLRINQGQMLVTFADSHSALSVDVDGMKVKGRAVKIRPKTKDWLKGGLREEIIR  
KRDSMAPVSPTANSCLLEENFDFTSLDYESEGDILEDDDEDYLVDEFNQPGVSDSELGGDDLSDV  
PGPTALAPPSKSPALTKKKQHPTYKDDADLVELKRELEAVGEFRHRSPSRSLVSNRPRPPQPP  
QRPPPTGLMVKKSASDASISSGTHGQYSILQTARLLPGAPQQPPKARTGISKPYNVKQIKTTNAQ  
EAEAAIRCLLEARGGASEEALSAPVPRDLEASSEPEPTPGAAPKPTPQAPLLPRRPPPRVPAIK  
KPTLRRTGKPLSPREEQFEQQTVHFTIGPPETSVEAPPVVTAPRVPPVVKPRTFQPGKAAERPSH  
RKPASDEAPPGAGASVPPPLEAPPLVPKVPVPRRKKSAAPAFHLQVLQSNLQLQLTYNSSDS  
PSGHPPAAGTVFPQGDFLSTSSATSPDSDGKTAMKPEAAPLLGDYQDPFWNLLHHPKLLNNTW  
LSKSSDPLDSGTRSPKRDPIDPVSAGASAAKELPPDHGHKTLGHWVTISDQEKRTALQVFDPL  
AKT

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

118.6

### Interspecies Antigen Sequence

Mouse (78); Rat (79)

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Preparation Method      | <a href="#">in vitro wheat germ expression system</a>                    |
| 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 — SYNJ2

|                     |                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">8871</a>                                                                                                                       |
| GeneBank Accession# | <a href="#">BC043277.2</a>                                                                                                                 |
| Protein Accession#  | <a href="#">AAH43277.1</a>                                                                                                                 |
| Gene Name           | SYNJ2                                                                                                                                      |
| Gene Alias          | INPP5H, KIAA0348, MGC44422                                                                                                                 |
| Gene Description    | synaptojanin 2                                                                                                                             |
| Omim ID             | <a href="#">609410</a>                                                                                                                     |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                  |
| Gene Summary        | Synaptojanin-2 is a ubiquitously expressed inositol polyphosphate 5-phosphatase (Malecz et al., 2000 [PubMed 11084340]).[supplied by OMIM] |
| Other Designations  | OTTHUMP00000017494 inositol phosphate 5'-phosphatase 2 (synaptojanin 2)                                                                    |

## Pathway

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