

Recombinant Human SYNJ2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SYNJ2-2535H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SYNJ2 MS Standard C13 and N15-labeled recombinant protein (NP_003889) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The gene is a member of the inositol-polyphosphate 5-phosphatase family. The encoded protein interacts with the ras-related C3 botulinum toxin substrate 1, which causes translocation of the encoded protein to the plasma membrane where it inhibits clathrin-mediated endocytosis. Alternative splicing results in multiple transcript variants.
Molecular Mass	165.4 kDa
AA Sequence	MALSKGLRLLGRLGAEGDCSVLLEARGRDDCLLFEAGTVATLAPEEKEVIKGQYGKL TDAYGCLGELRLKSGGTSLSLVLVTGCTSVGRIPDAEIYKITATDFYPLQEEAKEEE RLIALKKILSSGVFYFSWPNDGSRFDLTVRTQKQGDDSSSEWGNSSFFWNQLLHVPLR QHGVSCCDWLLKIICGVVTIRTQYASHKQAKACLVSRVSCERTGTRFHTRGVNDDG HVSNFVETEQMIYMDDGVSSFVQIRGSVPLFWEQPGQLQVGSHHRLRLHGLEANAPA FDRHMLLKEQYGQVQVVNLLGSRGGEEVLNRAFKKLLWASCHAGDTPMINFDFH QFAKGGKLEKLETLLRPQLKLHWEDFDVFTKGENVSPRFQKGTLRMNCCLDCLDRTN TVQSFIALEVLHLQLKTLGLSSKPIVDRFVESFKAMWSLNGHSLSKVFTGSRALEGKA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KVGKLDKGARMSRTIQSNFFDGVKQEAIKLLLVGDVYGEVADKGGMLLDSTALLV
 TPRILKAMTERQSEFTNFKRIRIAMGTWNVNGGKQFRSNVLRRTAELTDWLLDSPQLS
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 TLGHWVTISDQEKRTALQVFDPLAKTSGPTRTRRLEQKLISEEDLAANDILDYKDDDD
 KV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SYNJ2 synaptojanin 2 [Homo sapiens (human)]

Official Symbol SYNJ2

Synonyms SYNJ2; synaptojanin 2; synaptojanin-2; INPP5H; inositol phosphate 5-phosphatase 2; synaptic inositol-1,4,5-trisphosphate 5-phosphatase 2; KIAA0348; MGC44422;

Gene ID 8871

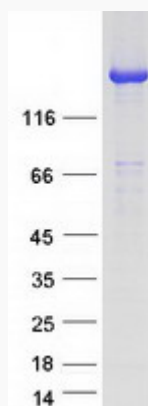
mRNA Refseq NM_003898

Protein Refseq NP_003889

MIM 609410

UniProt ID O15056

SDS-PAGE



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