Synaptojanin-2 (SYNJ2) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Synaptojanin-2 (Synj2), Recombinant Protein
Full Product Name	Recombinant Mouse Synaptojanin-2 (Synj2) , partial
Product Gene Name	Synj2 recombinant protein
Product Synonym Gene Name	Synj2
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	136,363 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9D2G5
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Synj2 recombinant protein	MBS1375326 is a recombinant protein targeting Synj2. Also known as Recombinant Mouse Synaptojanin-2 (Synj2) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Synj2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Synj2. It may not necessarily be applicable to this product.

NCBI GI #	164664529
NCBI GeneID	20975
NCBI Accession #	NP_001106822.1
UniProt Primary Accession #	Q9D2G5
UniProt Secondary Accession #	O35404; O88399; O88400; O88401; O88402; O88403; O88404
UniProt Related Accession #	Q9D2G5
GenBank Nucleotide #	NM_001113351.1
NCBI Official Full Name	synaptojanin-2 isoform d
NCBI Official Synonym Full Names	synaptojanin 2

NCBI Official Symbol	Synj2
NCBI Official Synonym Symbols	SJ2; AI481647; mKIAA0348
UniProt Protein Name	Synaptojanin-2
UniProt Synonym Protein Names	Synaptic inositol 1,4,5-trisphosphate 5-phosphatase 2
Protein Family	Synaptojanin
UniProt Gene Name	Synj2
UniProt Synonym Gene Names	Kiaa0348
NCBI Protein Information	synaptojanin-2
UniProt Comments for Synj2	Inositol 5-phosphatase which may be involved in distinct membrane trafficking and signal transduction pathways. May mediate the inhibitory effect of Rac1 on endocytosis ().
Research Articles on Synj2	**1.** report showing expression, location and isoforms of Synj1 and Synj2 in the small and large intestine and that they might participate in intestinal pathology.
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