Phosphatidylinositol 4,5-Bisphosphate 5-Phosphatase A (INPP5J) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphatidylinositol 4,5-bisphosphate 5-phosphatase A (INPP5J), Recombinant Protein
Full Product Name	Recombinant Human Phosphatidylinositol 4,5-bisphosphate 5-phosphatase A (INPP5J) , partial
Product Gene Name	INPP5J recombinant protein
Product Synonym Gene Name	INPP5J
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	70,239 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.
OMIM	606481
3D Structure	ModBase 3D Structure for Q15735
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for INPP5J recombinant protein	MBS1326765 is a recombinant protein targeting INPP5J. Also known as Recombinant Human Phosphatidylinositol 4,5-bisphosphate 5-phosphatase A (INPP5J) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of INPP5J 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 INPP5J. It may not necessarily be applicable to this product.

NCBI GI #	50726960
NCBI GeneID	27124
NCBI Accession #	NP_001002837.1
UniProt Primary Accession #	Q15735
UniProt Secondary Accession #	Q32M61; Q6ZTH6; Q8N902; Q9UDT9; B3KS54
UniProt Related Accession #	Q15735
GenBank Nucleotide #	NM_001002837.2

NCBI Official Full Name	phosphatidylinositol 4,5-bisphosphate 5-phosphatase A isoform c
NCBI Official Synonym Full Names	inositol polyphosphate-5-phosphatase J
NCBI Official Symbol	INPP5J
NCBI Official Synonym Symbols	PIPP; INPP5; PIB5PA
UniProt Protein Name	Phosphatidylinositol 4,5-bisphosphate 5-phosphatase A
UniProt Synonym Protein Names	Inositol polyphosphate 5-phosphatase J
Protein Family	Phosphatidylinositol 4,5-bisphosphate 5-phosphatase
UniProt Gene Name	INPP5J
UniProt Synonym Gene Names	PIB5PA; PIPP
NCBI Protein Information	phosphatidylinositol 4,5-bisphosphate 5-phosphatase A
UniProt Comments for INPP5J	Inositol 5-phosphatase, which converts inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate. Also converts phosphatidylinositol 4,5-bisphosphate to phosphatidylinositol 4-phosphate and inositol 1,3,4,5-tetrakisphosphate to inositol 1,3,4-trisphosphate in vitro. May be involved in modulation of the function of inositol and phosphatidylinositol polyphosphate-binding proteins that are present at membranes ruffles ().
Research Articles on INPP5J	**1.** Suggest miR-661 functions as a tumor promoter by targeting the INPP5J gene, and then promoting cell proliferation of ovarian cancer cells.
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