

Datasheet for ABIN7563482  
**INPP5J Protein (AA 1-1003) (His tag)**



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## Overview

Quantity:	1 mg
Target:	INPP5J
Protein Characteristics:	AA 1-1003
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This INPP5J protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Inpp5j Protein expressed in mammalian cells.
Sequence:	MEGQTRSGSA RPGTRTGLGP LPGTHGVLQA EIPSKKVNSS FQLPAKNSGP ASSEPRLTLA PVGPRAAVSP PSERPRLVLS SPRPVLAPLS IAGEQKRPPP PHSSNRAAKS VGQLVVSAAA ASKPPPVASV SILAPKSLGQ LVISASAMPR PSPAPLGSVL TPTSRDQKQL SPTSVGPKPA LATSGLSLAL ASQEPPQSP SSPSPVPSPV LSPSQEGHLA AASVTSTPAS ERQLPARQKD TAVPRPTPPA DKCLYTPERA AGPATSPPra QAFSDPRLSP SFRARPEAPR HSPEDPVLPP PPQTLPLDVS PGLPESGTRS PGLLSPTFRP GIPSSQTVPP PLPKPPRSPS RSPSRSPNRS PCLPPAPEVA LPKPVTQAAG SGRCPSPNLQ AQESPA AATT TTSPTSSWSA QPTCKSDPGF RITVVTWNVG TAMPPDDVTS LLHLGSGHDN DGADMIAGL QEVNSMINKR LKDALFTDQW SELFMDALGP FNFVLVSTVR MQGVILLLFA KYYHLPFLRD VQTDCTRTGL GGYWGNKGGV SVRLAAFGHM LCFLNCHLPA HMDKAEQRKD NFQTILSLQQ FQGPGAHGIL DHDLVFWFGD LNFRIESYDL HFVKFAIDSN QLHQLWEKDQ LNMAKNTWPI LKGFQEGPLN FAPTFKFDVG TNKYDTSACK RKPAWTDRIL WKVKAPSGGP SPSGRESHRL QVTQHSYRSH MEYTVSDHKP

## Product Details

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VAAQFILQFA FRDDVPLVRL EVADEWARPE QAVVRYRVET VFARSSWDWI GLYRVGFRHC  
KDYVAYVWAK HEEVDGNIYQ VTFSEESLPK GHGDFILGYG SHHHSILIGV TEPFQISLPT  
SESASSSTDS SGTSSSEGEDD STLELLAPKS RSPSPGKSKR HRSRSPGLAR FPSLALHPSS  
RERRGGSRSRSP SPQSRQLPRV APDRGHSSSS RGSSEEGPSG LPGPWAFPPS VPRSLGLLPA  
LRLETVDPPG GGSWGADQEA PDPNSLSPSP QGRLGLEEGG LGP **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target: INPP5J

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Alternative Name: Inpp5j ([INPP5J Products](#))

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Background: Phosphatidylinositol 4,5-bisphosphate 5-phosphatase A (EC 3.1.3.36) (Inositol polyphosphate 5-phosphatase J) (Phosphatidylinositol 1,3,4,5-tetrakisphosphate 5-phosphatase) (EC 3.1.3.56) (Phosphatidylinositol 1,4,5-trisphosphate 5-phosphatase) (EC 3.1.3.56),FUNCTION: Inositol 5-

## Target Details

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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. {ECO:0000250|UniProtKB:Q9JMC1}.

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Molecular Weight: 107.5 kDa

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UniProt: [P59644](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months