

Datasheet for ABIN7550911
PPP1R8 Protein (AA 1-351) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PPP1R8
Protein Characteristics:	AA 1-351
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP1R8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PPP1R8 Protein expressed in mammalian cells.
Sequence:	<p>MAAAAANSGSS LPLFDCPTWA GKPPPGLHLD VVKGDKLIEK LIIDEKKYYL FGRNPDLCDF TIDHQSCSRV HAALVYHKHL KRVFLIDLNS THGTFLGHIR LEPHKPQQIP IDSTVSFGAS TRAYTLREKP QTLPSAVKGD EKMGGEDDEL KLLGLPEEE TELDNLTEFN TAHNKRISTL TIEEGNLDIQ RPKRKRKNSR VTFSEDDEII NPEDVDPSVG RFRNMVQTAV VPKKKRVEG PGSLGLEESG SRRMQNFAFS GGLYGGLPPT HSEAGSQPHG IHGTALIGGL PMPYPNLAPD VDLTPVVPSA VNMNPAPNPA VYNPEAVNEP KKKKYAKEAW PGKKPTPSLL 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.</p>
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.
Characteristics:	Key Benefits:

Product Details

- 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.

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

Target Details

Target:	PPP1R8
Alternative Name:	PPP1R8 (PPP1R8 Products)
Background:	Nuclear inhibitor of protein phosphatase 1 (NIPP-1) (Protein phosphatase 1 regulatory inhibitor subunit 8) [Includes: Activator of RNA decay (EC 3.1.4.-) (ARD-1)],FUNCTION: Inhibitor subunit of the major nuclear protein phosphatase-1 (PP-1). It has RNA-binding activity but does not cleave RNA and may target PP-1 to RNA-associated substrates. May also be involved in pre-mRNA splicing. Binds DNA and might act as a transcriptional repressor. Seems to be required for cell proliferation., FUNCTION: Isoform Gamma is a site-specific single-strand endoribonuclease that cleaves single strand RNA 3' to purines and pyrimidines in A+U-rich regions. It generates 5'-phosphate termini at the site of cleavage. This isoform does not inhibit PP-1. May be implicated in mRNA splicing.
Molecular Weight:	38.5 kDa
UniProt:	Q12972

Application Details

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.

Restrictions: For Research Use only

Handling

Format: Liquid

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
