

Datasheet for ABIN7554679

**PPP1R9A Protein (AA 1-1098) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PPP1R9A
Protein Characteristics:	AA 1-1098
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP1R9A protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant PPP1R9A Protein expressed in mammalian cells.
Sequence:	MLKTESSGER TTLRSASPHR NAYRTEFQAL KSTFDKPKSD GEQKTKEGEG SQQSRGRKYG SNVNRINKLNF MQMGMEPNEN AAVIAKTRGK GGHSSPQRRM KPKEFLEKTD GSVVKLESSV SERISRFDTM YDGPSYSKFT ETRKMFERSV HESGQNNRYS PKKEKAGGSE PQDEWGGSKS NRGSTDSLDS LSSRTEAVSP TVSQLSAVFE NTDSPSAIIS EKAENNEYSV TGHYPLNLPS VTVTNLDTFG HLKDSNSWPP SNKRGVDTED AHKSNATPVP EVASKSTSLA SIPGEEIQQS KEPEDSTSNO QTPDSIDKDG PEEPCAESKA MPKSEIPSPQ SQLLEDAEAN LVGREAAKQQ RKELAGGDFT SPDASASSCG KEVPEDSNNF DGSHVVMHSD YNVYRVRSRY NSDWGETGTE QDEEEDSDEN SYYQPDMEYS EIVGLPEEEE IPANRRIKIFS SAPIKVFNTY SNEDYDRRND EVDPAASAE YELEKRVEKL ELFPVELEKD EDGLGISIIG MGVGADAGLE KLGIFVKTVT EGGAAQRDGR IQVNDQIVEV DGISLVGVTQ NFAATVLRNT KGNVRFVIGR EKPGQVSEVA QLISQTLEQE RRQRELLEQH YAQYDADDDE TGEYATDEEE DEVGPVLPQS DMAIEVFELP ENEDMFSPSE LDTSKLSHKF KELQIKHAVT EAEIQKTKTK LQAAENEKVR WELEKTQLQQ

## Product Details

---

NIEENKERML KLESYWIEAQ TLCHTVNEHL KETQSQYQAL EKKNYKAKKL IKDFQKELD  
FIKRQEAERK KIEDLEKAHL VEVQGLQVRI RDLEAEVFRL LKQNGTQVNN NNNIFERRTS  
LGEVSKGDTM ENLDGKQTSC QDGLSQLNE AVPETERLDS KALKTRAQLS VKNRRQRPSR  
TRLYDSVSST DGEDSLERKN FTFNDDFSPS STSSADLSGL GAEPKTPGLS QSLALSSDES  
LDMIDDEILD DGQSPKHSQC QNRAVQEWSV QQVSHWLMSL NLEQYVSEFS AQNITGEQLL  
QLDGNLKLAL GMTASQDRAV VKKKLKEMKM SLEKARKAQE KMEKQREKLR RKEQEQMQRK  
SKKTEKMTST TAEGAGEQ **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.**

**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:

- 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:** PPP1R9A

**Alternative Name:** PPP1R9A ([PPP1R9A Products](#))

**Background:** Neurabin-1 (Neurabin-I) (Neural tissue-specific F-actin-binding protein I) (Protein phosphatase 1 regulatory subunit 9A),FUNCTION: Binds to actin filaments (F-actin) and shows cross-linking

## Target Details

---

activity. Binds along the sides of the F-actin. May be involved in neurite formation. Inhibits protein phosphatase 1-alpha activity (By similarity). {ECO:0000250}.

Molecular Weight: 123.3 kDa

UniProt: [Q9ULJ8](#)

## 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