

Datasheet for ABIN7554425  
**PPFIA4 Protein (AA 1-1185) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PPFIA4
Protein Characteristics:	AA 1-1185
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPFIA4 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant PPFIA4 Protein expressed in mammalian cells.
Sequence:	MCEVMPTINE GDRLGPPHGA DADANFEQLM VNMLDEREKL LESLRESQET LAATQSRLQD AIHERDQLQR HLNSALPQEF ATLTRELSMC REQLLEREEE ISELKAERNN TRLLLEHLEC LVSHERSLR MTVVKRQAQS PSGVSSEVEV LKALKSLFEH HKALDEKVRE RLRAALERV TLEEQLAGAH QQVSALQQA GVRDGAAEEE GTVELGPKRL WKEDTGRVEE LQELLEKQNF ELSQRERLV TLTTTTELE EDLGTARRDL IKSEELSSKH QRDLREALAQ KEDMEERITT LEKRYLAAQR EATSIHDLND KLENELANKE SLHRQCEKA RHLQELLEVA EQKLQQTMRK AETLPEVEAE LAQRIAAALK AEERHGNIEE HLRQLEGQLE EKNQELARTA VQVRQREKMN EDHNKRLSDT VDRLLSESNE RLQLHLKERM AALEEKNTLI QELESSQRQI EEQHHLKGR SEEIEKLRQE VDQLKGRGGP FVDGVHSRSH MGSAADVRFSLGTTTHAPPG VHRRYSALRE ESAKLALPLT VTLRSPTWMR MSQGVCCNLE YHSSGTLGCS SGPLVPPEMI QEEKESTELR AEEIETRVTS GSMEALNLKQ LRKRGS IPTS LTALSLASAS PPLSGRSTPK LTRSAAQDL DRMGVMTLPS DLRKHRRKLL SPVSREENRE DKATIKCETS PPSSPRTLRL EKLGH PALSQ

## Product Details

---

EEGKSALEDQ GSNPSSSNSS QDSLHKGAKR KGIKSSIGRL FGKKEKGRLI QLSRDGATGH  
VLLTDSEFSM QEPMVPAKLG TQAEKDRRLK KKHQLLEDAR RKGMPFAQWD GPTVVSWELE  
WVGMPAWYVA ACRAVVKSGA IMSALSDTEI QREIGISNAL HRLKRLAIQ EMVSLTSPSA  
PPTSRTSSGN VVWTHEEMET LETSTKT DSE EGSWAQTLAY GDMNHEWIGN EWLPSLGLPQ  
YRSYFMECLV DARMLDHLTK KDLRVHLKMOV DSHFRTSLQY GIMCLKRLNY DRKELEKRRE  
ESQHEIKDVL VWTNDQVVHW VQSIGLRDYA GNLHESGVHG ALLALDENFD HNTLALILQI  
PTQNTQARQV MEREFNLLA LGTDRKDDG DDKVFRRAPSR WRKFRPREH HGRGGMLSAS  
AETLPAGFRV STLGTLPQPPP APPKKIMPEA HSHYLYGHML SAFRD **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: PPFIA4

---

Alternative Name: PPFIA4 ([PPFIA4 Products](#))

## Target Details

---

Background: Liprin-alpha-4 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-4) (PTPRF-interacting protein alpha-4),FUNCTION: May regulate the disassembly of focal adhesions. May localize receptor-like tyrosine phosphatases type 2A at specific sites on the plasma membrane, possibly regulating their interaction with the extracellular environment and their association with substrates (By similarity). {ECO:0000250}.

Molecular Weight: 134.4 kDa

UniProt: [O75335](#)

## 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