

Datasheet for ABIN7550949
PPEF1 Protein (AA 1-653) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PPEF1
Protein Characteristics:	AA 1-653
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPEF1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PPEF1 Protein expressed in mammalian cells.
Sequence:	MGCSSSSTKT RRSDSLRAA LIIQNWYRGY KARLKARQHY ALTIFQSIEY ADEQQMQLS TFFSFMLENY THIHKEEEL RNQSLESEQD MRDRWDYVDS IDVPDSYNGP RLQFPLTCTD IDLLEAFKE QQILHAHYVL EVLFETKKVL KQMPNFTHIQ TSPSKEVTIC GDLHGKLLDDL FLIFYKNGLP SERNPYVFNG DFVDRGKNSI EILMILCVSF LVYPNDLHLN RGNHEDFMMN LRYGFTKEIL HKYKLHGKRI LQILEEFYAW LPIGTIVDNE ILVIHGGISE TTDLNLHRV ERNKMKSVLI PPTETNRDHD TDSKHNVGVF TFNAHGRIKT NGSPTEHLTE HEWEQIIDIL WSDPRGKNGC FPNTCRGGGC YFGPDVTSKI LNKYQLKMLI RSHECKPEGY EICHDGKVVT IFSASNYEE GSNRGAYIKL CSGTTPRFFQ YQVTKATCFQ PLRQRVDTME NSAIKILRER VISRKS DLTR AFQLQDHRKS GKLSVSQWAF CMENILGLNL PWRSLSSNLV NIDQNGNVEY MSSFQNI RIE KPVQEAHSTL VETLYRYSR LEIIFNAIDT DHSGLISVEE FRAMWKL FSS HYNVHIDDSQ VNKLANIMDL NKDGSIDFNE FLKAFYVVHR YEDLMKPDVT NLG Sequence without tag. The proposed Purification-Tag is based on experiences with the expression

Product Details

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: PPEF1

Alternative Name: PPEF1 ([PPEF1 Products](#))

Background: Serine/threonine-protein phosphatase with EF-hands 1 (PPEF-1) (EC 3.1.3.16) (Protein phosphatase with EF calcium-binding domain) (PPEF) (Serine/threonine-protein phosphatase 7) (PP7),FUNCTION: May have a role in the recovery or adaptation response of photoreceptors. May have a role in development.

Molecular Weight: 75.8 kDa

UniProt: [O14829](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

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
