

Datasheet for ABIN7562310
PPEF2 Protein (AA 1-757) (His tag)



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Overview

Quantity:	1 mg
Target:	PPEF2
Protein Characteristics:	AA 1-757
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPEF2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ppef2 Protein expressed in mammalian cells.
Sequence:	MGSSSTQHH FAFQNAEKAF KAAALIQRWY RRYMARLEMR RRCTWNIFQS IEYAGQQDQV KLHEFFSYLV DHFTPSSHHE RDFLNRMFTE ERFAQDVETE EGGDFESIEV PDSYTGPRLS FPLLPDHATA LVEAFRLRQQ LHARYVLNLL YETRKHLAQL PNINRVSTCY SEEVTVCGDL HGQLDDLIFI FYKNGLPSP E RAYVFNGDFV DRGKDSVEVL MVLFAFMLVY PKEFHNLNRGN HEDHLVNLRY GFTKEVMHKY KIHGKKILRT LQDVFCWLPL ATLVDEKVLV LHGGVSDKTD LELLAKLDRH KIVSTMCRCKT RKESENREEQ KRKDNQTSSG QKPTPWFLPQ SRSLPSSPFH LGSGFKAYKA GRSCSIPCGS PNSKELSRRG QVRRSVDLEL EQCRQQAGFL GIREKGESLP LAPDADCVAD GGGVLEPTPE EWKQVVDILW SDPAAQEGCK ANAVRGGGCY FGPDVTERLM EKYKQLLIR SHECKPEGYE FCHNRKVLTI FSASNYEYEVG SNRGAYVKLG PALTPHIVQY QANKATHRLT MRQRISRVEE SALRALRQKL FAHSSDLLVE FRKRDPEDESG VITLSDWATA VESVLHLGLP WRMLRPQLVN SSADNVLEYR SWLDSLAKEQ LSRENIQSSL LEKLYRNRSN LETIFRIIDS DHSGFISLDE FRQTWKLFSS HMSIDITDDG ICDLARSIDF NKDGHIDINE FLEAFRLVEQ

Product Details

SCLEGHASAC LQSTDTAESG HSSPGPC **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: PPEF2

Alternative Name: Ppef2 ([PPEF2 Products](#))

Background: Serine/threonine-protein phosphatase with EF-hands 2 (PPEF-2) (EC 3.1.3.16),FUNCTION: May play a role in phototransduction. May dephosphorylate photoactivated rhodopsin. May function as a calcium sensing regulator of ionic currents, energy production or synaptic transmission.

Molecular Weight: 86.6 kDa

UniProt: [O35385](#)

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
