

Datasheet for ABIN7550888

KIAA1949 Protein (KIAA1949) (AA 1-613) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	KIAA1949
Protein Characteristics:	AA 1-613
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIAA1949 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PPP1R18 Protein expressed in mammalian cells.
Sequence:	MATIPDWKLQ LLARRRQEEA SVRGREKAER ERLSQMPAWK RGLLERRRAK LGLSPGEPSP VLGTVEAGPP DPDESAVLE AIGPVHQNR IRQERQQQQQ QQRSEELLA ERKPGPLEAR ERRPSPGEMR DQSPKGRESR EERLSPRETR ERRLGIGGAQ ELSLRPLEAR DWRQSPGEVG DRSSRLSEAW KWRLSPGETP ERSLRLAESR EQSPRRKEVE SRLSPGESAY QKLGLTEAHK WRPDSRESQE QSLVQLEATE WRLRSGEERQ DYSEECGRKE EWPVPGVAPK ETAELSETLT REAQGNSSAG VEAAEQRPVE DGERGMKPTG GWKWTLNNGK AREWTPRDIE AQTQKPEPPE SAEKLLESPG VEAGEGAEK EEAGAQRPL RALQNCCSVP SPLPPEDAGT GGLRQEEEEA VELQPPPPAP LSPPPPAPTA PQPPGDPLMS RLFYGVKAGP GVGAPRRSGH TFTVNPRRSV PPATPATPTS PATVDAAVPG AGKKRYPTAE EILVLGGYLR LSRSLAKGS PERHHKQLKI SFSETALETT YQYPSSESVL EELGPEPEVP SAPNPPAAQP DDEEDEEELL LLQPELQGG RTKALIVDES CRR Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make

Product Details

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: KIAA1949

Alternative Name: PPP1R18 ([KIAA1949 Products](#))

Background: Phostensin (Protein phosphatase 1 F-actin cytoskeleton-targeting subunit) (Protein phosphatase 1 regulatory subunit 18),FUNCTION: [Isoform 1]: May target protein phosphatase 1 to F-actin cytoskeleton. {ECO:0000269|PubMed:24434620}, FUNCTION: [Isoform 4]: May target protein phosphatase 1 to F-actin cytoskeleton. {ECO:0000269|PubMed:17374523}.

Molecular Weight: 67.9 kDa

UniProt: [Q6NYC8](#)

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
