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Datasheet for ABIN7558810

**KIAA1949 Protein (KIAA1949) (AA 1-594) (His tag)**

## Overview

Quantity:	1 mg
Target:	KIAA1949
Protein Characteristics:	AA 1-594
Origin:	Mouse
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:	MTAIPDWKLQ LLARRRQEEA AVRGREKAER DRLSQMPAWK RGILERRAK LGLPPGEGSP VPGNAEAGPP DPDESAVLLE AIGPVHQNR F IQQERQRQQQ QQQQQRNEVL GDRKAGPLEV LERRSSPGLN RDQSPKGRES REERLSPRES RDRRLVIGGA QESSRSLRD WRQSPAARD LSSRPAAEQK WRLSPGETPE ESLRLAGSGD DSPKRKEVLE SILSPGEPGD QKASPTDVHK WNLDSREPQK QSLIQLEATE WRLKSGEERK DYLEGCGREE EKLSSGIVPV TKEVQDITSS EVETAEQRPT ESWKWTLNSG KARERTTWDI DTQTQKPDPP ASSEKHPGPS GMEAEAEAEK EEAEQSRPL RAQQNLCSGP SPLPPEHSGT EGSRQEEEE AEPRPPTPAP LSPPPSAPTA PQPSGDPLMS RLFYGVKPGP GVGAPRRSGH TFTVNPRRCA PPASPAPPVN PATADAAGSG SGKKRYPTAE EILVLGGYLR LSRSLVKGS PERHHKQLKI SFSETALETT YQYPSSESVL EDLGPEPETP IAPLATQPDE EEEEEEEEE LLLQPLQGG LRTKALIVDE SCRR <b>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</b>

## Product Details

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### 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

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Target: KIAA1949

Alternative Name: Ppp1r18 ([KIAA1949 Products](#))

Background: Phostensin (Protein phosphatase 1 F-actin cytoskeleton-targeting subunit) (Protein phosphatase 1 regulatory subunit 18),FUNCTION: May target protein phosphatase 1 to F-actin cytoskeleton. {ECO:0000250}.

Molecular Weight: 65.6 kDa

UniProt: [Q8BQ30](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for

## Application Details

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functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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