

Datasheet for ABIN7550851  
**PLEKHA4 Protein (AA 1-779) (His tag)**



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## Overview

Quantity:	1 mg
Target:	PLEKHA4
Protein Characteristics:	AA 1-779
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLEKHA4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat PLEKHA4 Protein expressed in mammalian cells.
Sequence:	MEGSRPRSSL SLASSASTIS SLSSLSPKKP TRAVNKIHAF GKRGNALRRD PNLPVHIRGW LHKQDSSGLR LWKRRWFVLS GHCLFYKDS REESVLGSLV LPSYNIRPDG PGAPRGRFT FTAEHPGMRT YVLAADTLED LRGWLRALGR ASRAEGDDYG QPRSPARQP GEGPGGPGGP PEVSRGEEGR ISESPEVTRL SRGRGRPLL TPSPTDLHS GLQMRRARSP DLFTPLSRPP SPLSLRPRS APARRPPAPS GDTAPPARPH TPLSRIDVRP PLDWGPQRQT LSRPPTPRRG PPSEAGGGKP PRSPQHWSQE PRTQAHSGSP TYLQLPPRPP GTRASMVLLP GPPLESTFHQ SLETDTLLTK LCGQDRLLRR LQEEIDQKQE EKEQLEAALE LTRQQLGQAT REAGAPRAW GRQRLQDRL VSVRATLCHL TQERERVWDT YSGLEQELGT LRETLEYLLH LGSPQDRVSA QQQLWMVEDT LAGLGGPQKP PPHTEPDSPLV LQGEESSE RESLPESLEL SSPRSPETDW GRPPGGDKDL ASPHLGLGSP RVSRASSPEG RHLPSQLGT KAPVARPRMS AQEQLERMRR NQECGRPFPR PTSPRLLTLG RTLSPARRQP DVEQRPVVGH SGAQKWLRS GSWSSPRNTT

## Product Details

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PYLPTSEGHR ERVLSLSQAL ATEASQWHRM MTGGNLDSSQ DPLPGVPLPP SDPTRQETPP  
PRSPPVANSQ STGFSRRGSG RGGGPTPWGP AWDAGIAPPV LPQDEGAWPL RVTLLQSSF

**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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

### Grade:

custom-made

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## Target Details

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### Target:

PLEKHA4

### Alternative Name:

PLEKHA4 ([PLEKHA4 Products](#))

### Background:

Pleckstrin homology domain-containing family A member 4 (PH domain-containing family A member 4) (Phosphoinositol 3-phosphate-binding protein 1) (PEPP-1),FUNCTION: Binds specifically to phosphatidylinositol 3-phosphate (PtdIns3P), but not to other phosphoinositides. {ECO:0000269|PubMed:11001876}.

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### Molecular Weight:

85.4 kDa

### UniProt:

[Q9H4M7](#)

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## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for 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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