

Datasheet for ABIN7549064
PPIL5 Protein (AA 1-414) (His tag)



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Overview

Quantity:	1 mg
Target:	PPIL5 (LRR1)
Protein Characteristics:	AA 1-414
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPIL5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant LRR1 Protein expressed in mammalian cells.
Sequence:	<p>MKLHCEVEVI SRHLPALGLR NRGKGVRAVL SLCQQT SRSQ PPVRAFL LIS TLKDKRGTRY ELRENIEQFF TKFVDEGKAT VRLKEPPVDI CLSKAISSSL KGFLSAMRLA HRGCNV DTPV STLTPVK TSE FENFKTKMVI TSKKDYPLSK NFPYSLEHLQ TSYCGLVRVD MRMLCLKSLR KLDLSHNIH KLPATIGDLI HLQELNLNDN HLESFSVALC HSTLQKSLRS LDLSKNKIK A LPVQFCQLQE LKNLKLDDNE LIQFPCKIGQ LINLRFLSAA RNKLPFLPSE FRNLSLEYLD LFGNTFEQPK VLPVIKLQAP LTLESSART ILHNRIPYGS HIIPFHLCQD LDTAKICVCG RFCLNSFIQG TTTMNLH SVA HTVVLVDNLG GTEAPIISYF CSLGCVN SS DMLK 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.</p>
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.

Product Details

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:

PPIL5 (LRR1)

Alternative Name:

LRR1 ([LRR1 Products](#))

Background:

Leucine-rich repeat protein 1 (4-1BB-mediated-signaling molecule) (4-1BBIrr) (LRR-repeat protein 1) (LRR-1) (Peptidylprolyl isomerase-like 5),FUNCTION: Substrate recognition subunit of an ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed:15601820). ECS(LRR1) ubiquitinates MCM7 and promotes CMG replisome disassembly by VCP and chromatin extraction during S-phase (By similarity). May negatively regulate the 4-1BB-mediated signaling cascades which result in the activation of NK-kappaB and JNK1 (PubMed:11804328). {ECO:0000250|UniProtKB:D3YY91, ECO:0000269|PubMed:11804328, ECO:0000269|PubMed:15601820}.

Molecular Weight:

46.7 kDa

UniProt:

[Q96L50](#)

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
