

Datasheet for ABIN7558860

PELI2 Protein (AA 1-419) (His tag)



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Overview

Quantity:	1 mg
Target:	PELI2
Protein Characteristics:	AA 1-419
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PELI2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Peli2 Protein expressed in mammalian cells.
Sequence:	<p>MFSPGQEEPS APNKEPVKYR ELVVLGYNGA LPNGDRGRRK SRFALYKRTY ASGVKPSTIH MVSTPQASKA ISSRGHHSIS YTLRSQTVV VEYTHDKDTD MFQVGRSTES PIDFVVTDTV SGGQNEDAQI TQSTISRFAC RIVCDRNEPY TARIFAAGFD SSKNIFLGEK AAKWKNPDGH MDGLTTNGVL VMHPQGGFTE ESQPGVWREI SVCGDVYTLR ETRSAQQRGK LVESETNVLQ DGSLIDLCA TLLWRTADGL FHAPTQKHIE ALRQEINAAR PQCPVGLNTL AFPSINRKEV VEEKQPMWAYL SCGHVHGYHS WGHRSDEAN ERECPMCRV GPYVPLWLGK EAGFYVDAGP PTHAFTPCGH VCSEKSAKYW SQIPLPHGTH AFHAACPFCATQLVGEQNCI KLIFQGPVD</p> <p>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.</p> <p>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:

PELI2

Alternative Name:

Peli2 ([PELI2 Products](#))

Background:

E3 ubiquitin-protein ligase pellino homolog 2 (Pellino-2) (EC 2.3.2.27) (RING-type E3 ubiquitin transferase pellino homolog 2),FUNCTION: E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins. Involved in the TLR and IL-1 signaling pathways via interaction with the complex containing IRAK kinases and TRAF6. Mediates IL1B-induced IRAK1 'Lys-63'-linked polyubiquitination and possibly 'Lys-48'-linked ubiquitination. May be important for LPS- and IL1B-induced MAP3K7-dependent, but not MAP3K3-dependent, NF-kappa-B activation. Can activate the MAP (mitogen activated protein) kinase pathway leading to activation of ELK1. {ECO:0000269|PubMed:12370331, ECO:0000269|PubMed:22669975}.

Molecular Weight:

46.3 kDa

UniProt:

[Q8BST6](#)

Pathways:

[Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#)

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