

Datasheet for ABIN7550627

Pellino 3 Protein (AA 1-469) (His tag)



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Overview

Quantity:	1 mg
Target:	Pellino 3 (PELI3)
Protein Characteristics:	AA 1-469
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Pellino 3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PELI3 Protein expressed in mammalian cells.
Sequence:	<p>MVLEGNPEVG SPRTSDLQHR GNKGSCVLSS PGEDAQPGEE PIKYGELIVL GCCEEGGEET EAQRGEVTGP RAHSCYNGCL ASGDKGRRRS RLALSRRSHA NGVKPDVMHH ISTPLVSKAL SNRGQHSISY TLRSHSVIV EYTHDSDTDM FQIGRSTENM IDFVVTDTSP GGGAAEGPSA QSTISRYACR ILCDRPPYT ARIYAAGFDA SSNIFLGERA AKWRTPDGLM DGLTTNGVLV MHPAGGFSED SAPGVWREIS VCGNVYTLRD SRSAQQRGKL VENESNVLQD GSLIDLGCAT LLWRTPAGLL RAPTLKQLEA QRQEANAARP QCPVGLSTLA FPSPARGRTA PDKQPWVYV RCGHVHGYHG WGCRRERGPQ ERECPLCLRV GPYVPLWLGQ EAGLCLDPGP PSHAFAPCGH VCSEKTARYW AQTPLPHGTH AFHAACPFCG AWLTGEHGCV RLIFQGPLD 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

Product Details

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:

Pellino 3 (PELI3)

Alternative Name:

PELI3 ([PELI3 Products](#))

Background:

E3 ubiquitin-protein ligase pellino homolog 3 (Pellino-3) (EC 2.3.2.27),FUNCTION: E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins (PubMed:12874243, PubMed:17675297). Involved in the TLR and IL-1 signaling pathways via interaction with the complex containing IRAK kinases and TRAF6 (PubMed:12874243). Mediates 'Lys-63'-linked polyubiquitination of IRAK1 (PubMed:12874243). Can activate AP1/JUN and ELK1 (PubMed:12874243). Acts as a regulator of innate immunity by mediating 'Lys-63'-linked polyubiquitination of RIPK2 downstream of NOD1 and NOD2, thereby transforming RIPK2 into a scaffolding protein for downstream effectors, ultimately leading to activation of the NF-kappa-B and MAP kinases signaling (By similarity). Catalyzes 'Lys-63'-linked polyubiquitination of RIPK2 in parallel of XIAP (By similarity). {ECO:0000250|UniProtKB:Q8BXR6, ECO:0000269|PubMed:12874243, ECO:0000269|PubMed:17675297}.

Molecular Weight:

50.8 kDa

Target Details

UniProt:	Q8N2H9
Pathways:	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