

Datasheet for ABIN7559167

Pellino 1 Protein (AA 1-418) (His tag)



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Overview

Quantity:	1 mg
Target:	Pellino 1 (PELI1)
Protein Characteristics:	AA 1-418
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Pellino 1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Peli1 Protein expressed in mammalian cells.
Sequence:	<p>MFSPDQENHP SKAPVKYGEI IVLGYNGSLP NGDRGRRKSR FALFKRPAK GVKPSTVHIA</p> <p>CTPQAAKAIS NKDQHSISYT LSRAQTVVVE YTHDSNTDMF QIGRSTESPI DFWVTDTPVG</p> <p>SQNSDTSQSV QSTISRFAAR IICERSPPFT ARIYAAGFDS SKNIFLGEKA AKWKTSDGQM</p> <p>DGLTTNGVLV MHPRNGFTED SKPGIWREIS VCGNVFSLRE TRSAQQRGKM VEIETNQLQD</p> <p>GSLIDLCGAT LLWRTAEGLS HTPTVKHLEA LRQEINAARP QCPVGFNTLA FPSMKRKDVV</p> <p>DEKQPWVYLN CGHVHGYHNW GNKEERDGKD RECPMCRSVG PYVPLWLGCE AGFYVDAGPP</p> <p>THAFSPCGHV CSEKTTAYWS QIPLPHGTHT FHAACPFCAH QLAGEQQGYR LIFQGPLD Sequence</p> <p>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>
Characteristics:	Key Benefits:

Product Details

- 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, Western Blot
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Grade:	custom-made
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Target Details

Target:	Pellino 1 (PELI1)
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Alternative Name:	Peli1 (PELI1 Products)
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Background:	E3 ubiquitin-protein ligase pellino homolog 1 (Pellino-1) (EC 2.3.2.27) (RING-type E3 ubiquitin transferase pellino homolog 1),FUNCTION: E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins (By similarity). Involved in the TLR and IL-1 signaling pathways via interaction with the complex containing IRAK kinases and TRAF6. Mediates 'Lys-63'-linked polyubiquitination of IRAK1 allowing subsequent NF-kappa-B activation (PubMed:16951688). Mediates 'Lys-48'-linked polyubiquitination of RIPK3 leading to its subsequent proteasome-dependent degradation, preferentially recognizes and mediates the degradation of the 'Thr-182' phosphorylated form of RIPK3 (PubMed:29883609). Negatively regulates necroptosis by reducing RIPK3 expression (PubMed:29883609). Mediates 'Lys-63'-linked ubiquitination of RIPK1 (By similarity). {ECO:0000250 UniProtKB:Q96FA3, ECO:0000269 PubMed:16951688, ECO:0000269 PubMed:29883609}.
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Molecular Weight:	46.3 kDa
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UniProt:	Q8C669
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Target Details

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

Application Details

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.
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