

PELI2 recombinant protein

PELI2, 1-420aa, Human, His tag, E Coli

CATALOG # AAA48898	HOST E Coli	APPLICATIONS SDS-Page
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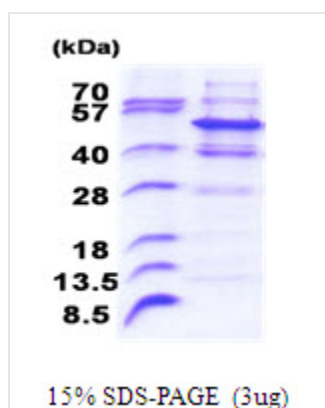
PRODUCT SYNONYMS

PELI2; 1-420aa; Human; His tag; E Coli; E3 ubiquitin-protein ligase pellino homolog 2; PELI2 - pellino E3; Pellino-2; PELI2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 80% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPSPGQE EHCAPNKEPV KYGELVVLGY NGALPNGDRG RKRSRFALYK RPKANGVKPS TVHVISTPQA SKAISCKGQH SISYTLNRNQ TVVVEYTHDK DTFMFQVGRS TESPIDFVVT DTISGSQNTD EAQITQSTIS RFACRIVCDR NEPYTARIFA AGFDSSKNIF LGEKAAKWKN PDGHMDGLTT NGVLVMHPRG GFTEESQPGV WREISVCGDV YTLRETRSAQ QRGKLVESET NVLQDGLSLID LCGATLLWRT ADGLFHTPTQ KHIEALRQEI NAARPQCPVG LNTLAFPSIN RKEVVEEKQP WAYLSCGHVH GYHNWGHRS D TEANERECPM CRTVGPPYVPL WLGC EAGFYV DAGPPTHAFT PCGHVCSEKS AKYWSQIPLP HGTHAFHAAC PFCATQLVGE QNCIKLIFQG PID
Sequence Length	420
Applicable Applications for PELI2 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PELI2 recombinant protein	PELI2 is an E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins. This protein is involved in the TLR and IL-1 signaling pathways via interaction with the complex containing IRAK kinases and TRAF6. It mediates IL1B-induced IRAK1 'Lys-63'-linked polyubiquitination and possibly 'Lys-48'-linked ubiquitination. PELI2 may be important for LPS- and IL1B-induced MAP3K7-dependent, but not MAP3K3-dependent, NF-kappa-B activation. It can activate the MAP (mitogen activated protein) kinase pathway leading to activation of ELK1. Recombinant human PELI2 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for PELI2 recombinant protein	Signal Transduction
References	Jensen L.E., et al (2003). FEBS Lett. 545:199-202; Strelow A., et al (2003). FEBS Lett. 547:157-161

NCBI AND UNIPROT INFORMATION

NCBI GI #	10864063
NCBI GeneID	57161
NCBI Accession #	NP_067078
NCBI GenBank Nucleotide #	NM_021255.2
UniProt Accession #	Q9HAT8 ; B2RDY5
Molecular Weight	48.8 kDa (443aa) confirmed by MALDI-TOF
NCBI Official Full Name	E3 ubiquitin-protein ligase pellino homolog 2
NCBI Official Synonym Full Names	pellino E3 ubiquitin protein ligase family member 2
NCBI Official Symbol	PELI2
NCBI Protein Information	E3 ubiquitin-protein ligase pellino homolog 2
UniProt Protein Name	E3 ubiquitin-protein ligase pellino homolog 2
UniProt Gene Name	PELI2
UniProt Synonym Gene Names	Pellino-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/peli2-recombinant-protein-e-coli-sds-page/48898>