



[Go to Product page](#)

Datasheet for ABIN5853851

## PELI2 Protein (AA 1-420) (His tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	PELI2
Protein Characteristics:	AA 1-420
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PELI2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMFSPGQE EHCAPNKEPV KYGELVVLGY NGALPNGDRG RRKSRFALYK RPKANGVKPS TVHVISTPQA SKAISCKGQH SISYTLNRNQ TVVVEYTHDK DTDMEFQVGRS TESPIDFVVT DTISGSQNTD EAQITQSTIS RFACRIVCDR NEPYTARIFA AGFDSSKNIF LGEKAAKWKN PDGHMDGLTT NGVLVMHPRG GFTEESQPGV WREISVCGDV YTLRETRSAQ QRGKLVESL NVLQDGLID LCGATLLWRT ADGLFHTPTQ KHIEALRQEI NAARPQCPVG LNTLAFPSIN RKEVVEEKQP WAYLSCGHVH GYHNWGHRS D TEANERECPM CRTVGPYVPL WLGCEAGFYV DAGPPTHAFT PCGHVCSEKS AKYWSQIPLP HGTHAFHAAC PFCATQLVGE QNCIKLIFQG PID
Purity:	> 80 % by SDS - PAGE

#### Target Details

Target:	PELI2
---------	-------

## Target Details

---

Alternative Name: [PELI2 \(PELI2 Products\)](#)

---

Background: 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.

---

Molecular Weight: 48.8 kDa (443aa) confirmed by MALDI-TOF

---

NCBI Accession: [NP\\_067078](#)

---

UniProt: [Q9HAT8](#)

---

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

---

## Application Details

---

Application Notes: Optimal working dilution should be determined by the investigator.

---

Restrictions: For Research Use only

---

## Handling

---

Format: Liquid

---

Concentration: 0.5 mg/mL

---

Buffer: Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing 0.15M NaCl, 20 % glycerol, 1 mM DTT

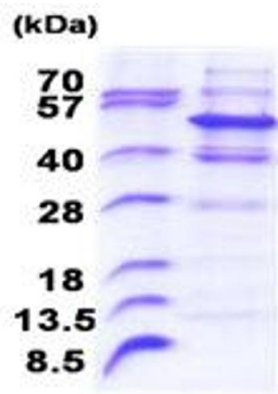
---

Storage: 4 °C,-20 °C,-80 °C

---

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

---



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.