

Product datasheet for **AR51612PU-N**

PELI2 (1-420, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PELI2 (1-420, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMFSPGQE EHCAPNKEPV KYGELWVLGY NGALPNGDRG RRKSRFALYK RPKANGVKPS TVHVISTPQA SKAISCKGQH SISYTLRNQ TVVVEYTHDK DTDMFQVGRS TESPIDFVVT DTISGSQNTD EAQITQSTIS RFACRIVCDR NEPYTARIFA AGFDSSKNIF LGEKAAKWKN PDGHMDGLTT NGVLVMHPRG GFTEESQPGV WREISVCGDV YTLRETRSAQ QRGKLVESSET NVLQDGLID LCGATLLWRT ADGLFHTPTQ KHIEALRQEI NAARPQCPVG LNTLAFPSIN RKEVVEEKQP WAYLSCGHVH GYHNWGHRS D TEANERECPM CRTVGPYVPL WLGCEAGFYV DAGPPTHAFT PCGHVCSEKS AKYWSQIPLP HGTHAFHAAC PFCATQLVGE QNCIKLIFQG PID
Tag:	His-tag
Predicted MW:	48.8 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PELI2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_067078</u>
Locus ID:	57161



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UniProt ID: [Q9HAT8](#), [Q9H716](#)

Cytogenetics: 14q22.3

Summary: 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. [UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:

