

Recombinant Human PELI2 Protein (F2-D420), His tagged

Cat. No. PELI2-0413H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 6His-TEV-(GG)-PELI2(F2-D420 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	F2-D420
Description	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.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	75%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol, 1mM DTT.
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	PELI2 pellino E3 ubiquitin protein ligase family member 2 [Homo sapiens (human)]
Official Symbol	PELI2
Synonyms	PELI2; pellino E3 ubiquitin protein ligase family member 2; pellino (Drosophila) homolog 2, pellino homolog 2 (Drosophila); E3 ubiquitin-protein ligase pellino homolog 2; pellino-2; pellino homolog 2; protein pellino homolog 2;
Gene ID	57161
mRNA Refseq	NM_021255
Protein Refseq	NP_067078
UniProt ID	Q9HAT8

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