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PELI2, 1-420aa, Human, His tag, E.coli

产品货号: TP03349

第三版

别名: E3 ubiquitin-protein ligase pellino homolog 2, PELI2 - pellino E3, Pellino-2

**描述:** 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.

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

**分子量:** 48.8 kDa (443aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMFSPGQEEHCAPNKEPVKYGELVVLGYNGALPNGDRGRRKSRFALYKRPKANGV  
KPSTVHVISTPQASKAISCKGQHSISYTLNRNQTVVVEYTHDKDMDMFQVGRSTESPIDFVVTDTISGSQNTDEAQITQSTIS  
RFACRIVCDRNEPYTARIFAAGFDSSKNIFLGEKAAKWKNPDGHMDGLTTNGVLVMHPRGGFTEESQPGVWREISVCGD  
VYTLRETRSAQQRGKLVESETNVLQDGLDLCGATLLWRTADGLFHTPTQKHIEALRQEINAARPQCPVGLNNTLAFPSIN  
RKEVVEEKQPWAYLSCGHVHGYHNWGHRSDEANERECPCRTVGPYVPLWLGCEAGFYVDAGPPTHAFTPCGHVC  
SEKSAKYWSQIPLPHGTHAFHAACPFCATQLVGEQNCIKLIFQGPID

**纯度:** > 95% by HPLC

**浓度:** 0.5 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.