

## 32-4430: Recombinant Human Pellino E3 Ubiquitin Protein Ligase Family Member 2

**Alternative Name :** Pellino E3 Ubiquitin Protein Ligase Family Member 2, Pellino-2, E3 Ubiquitin-Protein Ligase Pellino Homolog 2, Pellino (Drosophila) Homolog 2, Pellino Homolog 2 (Drosophila), Protein Pellino Homolog 2, Pellino Homolog 2, EC 6.3.2, PELI2.

### Description

Source : Escherichia Coli. PELI2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 443 amino acids (1-420 a.a) and having a molecular mass of 48.8kDa. PELI2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Pellino E3 Ubiquitin Protein Ligase Family Member 2, also known as PELI2 is an E3 ubiquitin ligase which catalyzes the covalent attachment of ubiquitin moieties onto substrate proteins. PELI2 is implicated in the TLR and IL-1 signaling pathways through interaction with the complex which contain IRAK kinases and TRAF6. PELI2 also mediates IL1B-induced IRAK1 'Lys-63'-linked polyubiquitination and possibly 'Lys-48'-linked ubiquitination. PELI2 is significant for LPS- and IL1B-induced MAP3K7-dependent, however not for MAP3K3-dependent, NF-kappa-B activation. Moreover, PELI2 can activate the MAP (mitogen activated protein) kinase pathway directing to activation of ELK1.

### Product Info

**Amount :** 10 µg  
**Purification :** "Greater than 80.0% as determined by SDS-PAGE."  
**Content :** PELI2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSFMSPGQE EHCAPNKEPV KYGELVVLGY NGALPNGDRG RRKSRFALYK RPKANGVKPS TVHVISTPQA SKAISCKGQH SISYTLRNQ TVVVEYTHDK DTFMFQVGRS TESPIDFVVT DTISGSQNTD EAQITQSTIS RFACRIVCDR NEPYTARIFA AGFDSSKNIF LGEKAAKWKKN PDGHMDGLTT NGVLVMHPRG GFTEESQPGV WREISVCGDV YTLRETRSAQ QRGKLVESST NVLQDGLID LCGATLLWRT ADGLFHTPTQ KHIEALRQEI NAARPQCPVG LNTLAFPSIN RKEVVEEKQP WAYLSCGHVH GYHNWGHRS DTEANERECPM CRTVGPYVPL WLGCEAGFYV DAGPPHTAFT PCGHVCSEKS AKYWSQIPLP HGTHAFHAAC PFCATQLVGE QNCIKLIFQG PID.

