

PEL13 Protein, Human, Recombinant (His)

General Information

Synonyms: Pellino-3;E3 ubiquitin-protein ligase pellino homolog 3;PEL13

Protein Construction: 1-469 aa

Species: Human

Expression Host: E. coli

Accession: Q8N2H9

Molecular Weight: 54.8 kDa (predicted)

AA Sequence: MVLEGNPEVGGSPRTSDLQHRGNKGSCVLSSPGEDAQPGEEPIKYGELIVLGCCEEGGEETEAQRGEVTGPPRAH
SCYNGCLASGDKGRRRSRLALSRRSHANGVVKPDVMHHISTPLVSKALSNRGQHSISYTLRSRSHSVIVEYTHDS
DTDMFQIGRSTENMIDFVVTDTSPGGGAAEGPSAQSTISRYACRILCDRRPPYTARIYAAGFDASSNIFLGERA
AKWRTPDGLMDGLTTNGVLVMHPAGGFSEDSAPGVWREISVCGNVYTLRDSRSAQQRGKLVENESNVLQD
GSLIDLCGATLLWRTPAGLLRAPTLKQLEAQRQEANAARPQCPVGLSTLAFPSARGRTAPDKQQPWVYVRC
GHVHGYHGWGCRREGRGPQERECPLCRLVGPYVPLWLQGEAGLCLDPGPPSHAFAPCGHVCSEKTARYWAQ
TPLPHGTHAFHAACPCFGAWLTGEHGCVRLIFQGPLD

QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.

Purity: > 85% as determined by SDS-PAGE.

Endotoxin: < 1.0 EU/μg of the protein as determined by the LAL method.

Formulation: Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

A DRUG SCREENING EXPERT

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 'Lys-63'-linked polyubiquitination of IRAK1. Can activate AP1/JUN and ELK1. Not required for NF-kappa-B activation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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