

Recombinant Human PELI1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PELI1-5917H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PELI1 MS Standard C13 and N15-labeled recombinant protein (NP_065702) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 'Lys-63'-linked polyubiquitination of IRAK1 allowing subsequent NF-kappa-B activation.
Molecular Mass	46.3 kDa
AA Sequence	MFSPDQENHPSKAPVKYGELIVLGYNGSLPNGDRGRRKSRFALFKRPKANGVKPST VHIACTPQAAKAISNKDQHSISYTLsRAQTVVVEYTHDSNTDMFQIGRSTESPIDFVV TDTVPGSQSNSDTQSVQSTISRFAcRIICERNPPFTARIYAAGFDSSKNIFLGEKAAK WKTSDGQMDGLTTNGVLVMHPRNGFTEDSKPGIWREISVCGNVFSLRETRSAQQR GKMVEIETNQLQDGSLIDLCGATLLWRTAEGLSHTPTVKHLEALRQEINAARPQCPV GFNTLAFPSMKRKDVVDEKQPWVYLNCGHVHGYHNWGNKEERDgKDRECPMCR SVGPYVPLWLGCeAGFYVDAGPPTHAFSPCGHVCSEKTTAYWSQIPLPHGTHTFHA ACPFCAHQLAGEQGYIRLIFQGPLDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

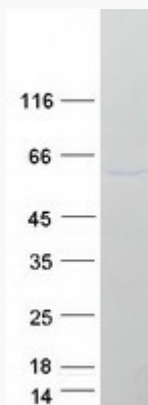
GENE INFORMATION

Gene Name	PELI1 pellino E3 ubiquitin protein ligase 1 [Homo sapiens (human)]
Official Symbol	PELI1
Synonyms	PELI1; pellino E3 ubiquitin protein ligase 1; E3 ubiquitin-protein ligase pellino homolog 1; RING-type E3 ubiquitin transferase pellino homolog 1; pellino homolog 1; pellino-1; pellino-related intracellular-signaling molecule; protein pellino homolog 1; EC 2.3.2.27
Gene ID	57162
mRNA Refseq	NM_020651
Protein Refseq	NP_065702
MIM	614797
UniProt ID	Q96FA3

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SDS-PAGE

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