

Recombinant Mouse Peli1 Protein, Myc/DDK-tagged

Cat. No. Peli1-4790M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length pellino 1 (Peli1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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. Mediates 'Lys-48'-linked polyubiquitination of RIPK3 leading to its subsequent proteasome-dependent degradation; preferentially recognizes and mediates the degradation of the 'Thr-182' phosphorylated form of RIPK3. Negatively regulates necroptosis by reducing RIPK3 expression. Mediates 'Lys-63'-linked ubiquitination of RIPK1.
Molecular Mass	46.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Peli1 pellino 1 [*Mus musculus* (house mouse)]

Official Symbol Peli1

Synonyms Peli1; pellino 1; AA409794; AI586297; D11Ert676; D11Ert676e; 2810468L03Rik; A930031K15Rik; E3 ubiquitin-protein ligase pellino homolog 1; RING-type E3 ubiquitin transferase pellino homolog 1; protein pellino homolog 1; EC 2.3.2.27

Gene ID 67245

mRNA Refseq NM_023324

Protein Refseq NP_075813

UniProt ID Q8C669

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