

Recombinant Human PELI1 Protein, His&GST-tagged

Cat. No. PELI1-659H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PELI1 (NP_065702.2) (Met1-Asp418) was expressed with a C-terminal polyhistidine-tagged GST tag at the N-terminus (His-GST).
Species	Human
Source	Insect Cells
ProteinLength	1-418 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.0, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human PELI1 consists 655 amino acids and predicts a molecular mass of 74.1 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PELI1 pellino E3 ubiquitin protein ligase 1 [Homo sapiens]

Official Symbol PELI1

Gene ID 57162

mRNA Refseq NM_020651.3

Protein Refseq NP_065702.2

MIM

UniProt ID Q96FA3

Chromosome Location 2p13.3

Pathway

Activated TLR4 signalling, organism-specific biosystem;Cytokine Signaling in Immune system, organism-specific biosystem;IRAK1 recruits IKK complex, organism-specific biosystem;IRAK1 recruits IKK complex upon TLR7/8 or 9 stimulation, organism-specific biosystem;Immune System, organism-specific biosystem;Innate Immune System, organism-specific biosystem;Interleukin-1 signaling, organism-specific biosystem;

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