

Recombinant Human PI3 protein, His-tagged

Cat. No. PI3-3957H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PI3 protein(Met1-Gln117)(NP_002629.1), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Gln117
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human PI3 consists of 106 amino acids and has a predicted molecular mass of 11.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh PI3 is approximately 13-16 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [PI3 peptidase inhibitor 3, skin-derived \[Homo sapiens \]](#)

Official Symbol [PI3](#)

Synonyms

PI3; peptidase inhibitor 3, skin-derived; protease inhibitor 3, skin derived (SKALP); elafin; cementoin; ELAFIN; ESI; SKALP; skin derived antileukoproteinase; trappin 2; WAP3; WFDC14; PI-3; trappin-2; pre-elafin; protease inhibitor WAP3; elastase-specific inhibitor; skin-derived antileukoproteinase; WAP four-disulfide core domain 14; WAP four-disulfide core domain protein 14; protease inhibitor 3, skin-derived (SKALP); MGC13613;

Gene ID [5266](#)

mRNA Refseq [NM_002638](#)

Protein Refseq [NP_002629](#)

MIM [182257](#)

UniProt ID [P19957](#)

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