

Recombinant Human PI15 protein, His-tagged

Cat. No. PI15-1697H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PI15 protein(1-256 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-256 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	MIAISAVSSALLFSLLCEASTVLLNSTDSSPPTNNFTDIEAALKAQLDSADIPKARRK RYISQNDMIAILDYHNQVRGKVFPPAANMEYMWWDENLAKSAEAWAATCIWDHGPS YLLRFLGQNLSVRTGRYRSILQLVKPWYDEVKDYAFPYPQDCNPRCPMRCFGPMC THYTQMVWATSNRIGCAIHTCQNMNVWGSVWRRAYLVLCNYAPKGNWIGEAPYKV GVPCSSCPPSYGGSCDNLCPFVTSNYLYW
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [PI15 peptidase inhibitor 15 \[Homo sapiens \]](#)

Official Symbol [PI15](#)

Synonyms PI15; peptidase inhibitor 15; protease inhibitor 15; P25TI; PI-15; CRISP-8; sugarCrisp; 25 kDa trypsin inhibitor; cysteine-rich secretory protein 8; P24TI; CRISP8; DKFZp686F0366;

Gene ID [51050](#)

mRNA Refseq [NM_015886](#)

Protein Refseq [NP_056970](#)

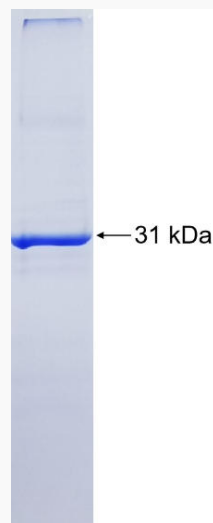
MIM [607076](#)

UniProt ID [O43692](#)

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SDS-PAGE

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