

Recombinant Human PI16 protein, His & GST-tagged

Cat. No. PI16-1563H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PI16 aa. (Leu28~Gly247(Accession # Q6UXB8)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	<1.0EU per 1ug (determined by the LAL method)
Form	Freeze-dried powder
Molecular Mass	60kDa as determined by SDS-PAGE reducing conditions.
Purity	>97%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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Storage Buffer	20mM Tris, 150mM NaCl containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
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Reconstitution	Reconstitute in tris buffer to a concentration of 0.1-1.0mg/mL
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GENE INFORMATION

Gene Name	PI16 peptidase inhibitor 16 [Homo sapiens (human)]
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Official Symbol	PI16
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Synonyms	PI16; peptidase inhibitor 16; CD364; PSPBP; CRISP9; MSMBBP; peptidase inhibitor 16; PSP94-binding protein; cysteine-rich secretory protein 9; microseminoprotein, beta-binding protein; protease inhibitor 16
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Gene ID	221476
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mRNA Refseq	NM_001199159.1
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Protein Refseq	NP_001186088.1
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UniProt ID	Q6UXB8
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