

Recombinant Mouse Pi16 protein, His & S-tagged

Cat. No. Pi16-1564M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pi16 aa. (Leu21~Lys468 (Accession # E9QNE5)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Leu21~Lys468
Form	Freeze-dried powder
Molecular Mass	54kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
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

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-80°C for 12 months.

Storage buffer Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

Reconstitution Reconstitute in sterile PBS, pH7.2-pH7.4.

Isoelectric Point 4.8

GENE INFORMATION

Gene Name Pi16 peptidase inhibitor 16 [Mus musculus (house mouse)]

Official Symbol Pi16

Synonyms Pi16; peptidase inhibitor 16; Cripi; PI-16; 1200009H11Rik; cysteine-rich protease inhibitor; protease inhibitor 16

Gene ID 74116

mRNA Refseq NM_023734.3

Protein Refseq NP_076223.3

UniProt ID E9QNE5

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