Recombinant Rat Serpina10 protein, His & S-tagged

Cat. No. Serpina10-2105R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Serpina10 aa. (His278~Leu425 (Accession # Q62975)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	His278~Leu425
Form	Freeze-dried powder
Molecular Mass	23 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.6.
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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -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.

GENE INFORMATION

Gene Name	Serpina10 serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10 [Rattus norvegicus (Norway rat)]
Official Symbol	Serpina10
Synonyms	Rasp1; PZ-dependent protease inhibitor; PZI; RASP-1; plasma protein associated with liver regeneration; regeneration-associated serpin 1; serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10; serpin A10; serpin peptidase inhibitor, clade A, member 10; protein Z-dependent protease inhibitor
Gene ID	171154
mRNA Refseq	NM_133617.2
Protein Refseq	NP_598301.2
UniProt ID	Q62975

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