

Recombinant Mouse Serpina6 protein, His-tagged

Cat. No. Serpina6-5833M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Serpina6 aa. (Leu280~Val405) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Leu280~Val405
Description	This gene encodes a protein that belongs to the serpin (serine protease inhibitor) family. The encoded protein is an alpha-globulin with corticosteroid-binding properties. This is the major transport protein for glucocorticoids and progestins in the blood of most vertebrates. The gene localizes to a chromosomal region containing several closely related serine protease inhibitors.
Form	Freeze-dried powder
Molecular Mass	16 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.2.

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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.
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	Serpina6 serine (or cysteine) peptidase inhibitor, clade A, member 6 [Mus musculus (house mouse)]
Official Symbol	Serpina6
Synonyms	Cbg;serine (or cysteine) proteinase inhibitor, clade A, member 6; serpin A6; transcortin; corticosteroid-binding globulin
Gene ID	12401
mRNA Refseq	NM_007618.3
Protein Refseq	NP_031644.1
UniProt ID	Q06770

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