

Recombinant Human SERPINA6 protein, His-tagged

Cat. No. SERPINA6-5832H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINA6 aa. (Leu280~Val405 (Accession # P08185)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu280~Val405
Description	This gene encodes an alpha-globulin protein with corticosteroid-binding properties. This is the major transport protein for glucorticoids and progestins in the blood of most vertebrates. The gene localizes to a chromosomal region containing several closely related serine protease inhibitors which may have evolved by duplication events.
Form	Freeze-dried powder
Molecular Mass	15 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 serpin family A member 6 [Homo sapiens (human)]
Official Symbol	SERPINA6
Synonyms	CBG; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6; serpin A6; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6; transcortin; corticosteroid-binding globulin
Gene ID	866
mRNA Refseq	NM_001756.3
Protein Refseq	NP_001747.2
UniProt ID	P08185

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