

Recombinant Human SERPINB6, His-tagged

Cat. No. SERPINB6-7781H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Serpin B6 is produced by our E. coli expression system. The target protein is expressed with sequence (Met1Pro376) of Human SERPINB6 fused with a TraxA, His tag at the Nterminus.
Species	Human
Source	E.coli
Description	Serpin B6 belongs to the serpin family. Serpin B6 localizes to the cytoplasm. Serpin B6 is expressed in many tissues, abundantly by mast cells in different tissues and mastocytoma lesions. Serpin B6 may be involved in the regulation of serine proteinases present in the brain or extravasated from the blood. In addition, Serpin B6 may play an important role in the inner ear in the protection against leakage of lysosomal content during stress and loss of this protection results in cell death and sensorineural hearing loss.
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.2
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Notes	For research use only.
Storage	Lyophilized protein should be stored at less than 20°C. though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7°C. for 2-7 days.Aliquots of reconstituted samples are stable at less than 20°C. for 3 months.

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GENE INFORMATION

Gene Name SERPINB6 serpin peptidase inhibitor, clade B (ovalbumin), member 6 [Homo sapiens]

Official Symbol SERPINB6

Synonyms SERPINB6; serpin peptidase inhibitor, clade B (ovalbumin), member 6; deafness, autosomal recessive 91 , DFNB91, PI6, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 6; serpin B6; CAP; cytoplasmic antiproteinase; PTI; PI-6; protease inhibitor 6 (placental thrombin inhibitor); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 6; PI6; SPI3; DFNB91; MSTP057; MGC111370; DKFZp686I04222;

Gene ID [5269](#)

mRNA Refseq [NM_001195291](#)

Protein Refseq [NP_001182220](#)

MIM [173321](#)

UniProt ID [P35237](#)

Chromosome Location 6p25

Pathway Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem;

Function peptidase inhibitor activity; protease binding; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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