

Recombinant Human SERPINB6 Protein, MYC/DDK-tagged

Cat. No. SERPINB6-1009H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SERPINB6 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the serpin (serine proteinase inhibitor) superfamily, and ovalbumin(ov)-serpin subfamily. It was originally discovered as a placental thrombin inhibitor. The mouse homolog was found to be expressed in the hair cells of the inner ear. Mutations in this gene are associated with nonsyndromic progressive hearing loss, suggesting that this serpin plays an important role in the inner ear in the protection against leakage of lysosomal content during stress, and that loss of this protection results in cell death and sensorineural hearing loss. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2010].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	42.4 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	SERPINB6 serpin peptidase inhibitor, clade B (ovalbumin), member 6 [Homo sapiens]
Official Symbol	SERPINB6
Synonyms	CAP; DFNB91; MSTP057; PI-6; PI6; PTI; SPI3
Gene ID	5269
mRNA Refseq	NM_001195291
Protein Refseq	NP_001182220
MIM	173321
UniProt ID	P35237

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