

Recombinant Human SERPINA4

Cat. No. SERPINA4-26892TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Kallistatin with a N terminal proprietary tag: predicted molecular weight 73.04 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	427 amino acids
Description	Serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 4, also known as SERPINA4, is a humangene.
Molecular Weight	73.040kDa inclusive of tags
Tissue specificity	Expressed by the liver and secreted in plasma.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

MHLIDYLLLLLVGLLALSHGQLHVEHDGESCSNSSHQIL ETGEGSPSLKIAPANADF
 AFRFYLIASETPGKNIFFSPL SISAAYAMLSLGACSHRSQILEGLGFNLTESESDV
 HRG FQHLLHTLNLPGHGLETRVGSALFLSHNLKFLAKFLNDTM AVYEAKLFHTNFY
 DTVGTIQLINDHVKKETRGKIVDLVSE LKKDVLMLVNYIYFKALWEKPFISSRTTPKD
 FYVDENTT VRVPMMLQDQEHHWYLHdryLPCSVLRMDYKGDATVFFIL PNQGKM
 REIEEVLTPPEMLMRWNNLLRKRNFYKKLELHLPK FSISGSYVLDQILPRLGFTDLFSK
 WADLSGITKQQKLEAS KSFHKATLDVDEAGTEAAAATSFAIKFFSAQTNRHILRFN R
 PFLVVIFSTSTQSVLFLGKVVDPTKP

Sequence Similarities

Belongs to the serpin family.

GENE INFORMATION

Gene Name

SERPINA4 serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 4 [Homo sapiens]

Official Symbol

SERPINA4

Synonyms

SERPINA4; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 4; PI4, serine (or cysteine) proteinase inhibitor, clade A (alpha 1 antiproteinase, antitrypsin), member 4; kallistatin; KAL; KLST; KST;

Gene ID

5267

mRNA Refseq

NM_006215

Protein Refseq

NP_006206

MIM

147935

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Uniprot ID	P29622
Chromosome Location	14q31-q32.1
Function	peptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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