

## Recombinant Human SERPINA4

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

### SPECIFICATION

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

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 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Sequences of amino acids**

MHLIDYLLLLLVGLLALSHGQLHVEHDGESCNSSSHQQIL ETGEGSPSLKIAPANADF  
 AFRFYLLIASETPGKNIFFSPL SISAAYAMLSLGACSHRSQILEGLGFNLTESESDV  
 HRG FQHLLHTLNLPGHGLETRVGSALFLSHNLKFLAKFLNDTM AVYEAKLFHTNFY  
 DTVGTIQLINDHVKKETRGKIVDLVSE LKKDVLMLVNYIYFKALWEKPFISSRTPPKD  
 FYVDENTT VRVPMMLQDQEHHWYLHDRYLPCSVLRMDYKGDATVFFIL PNQGKM  
 REIEEVLTPPEMLMRWNNLLRKRNFYKKLELHLPK FSISGSYVLDQILPRLGFTDLFSK  
 WADLSGITKQQKLEAS KSFHKATLDVDEAGTEAAAATSFAIKFFSAQTNRHILRFN R  
 PFLVVIFSTSTQSVLFLGKVVDPKTP

**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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<b>Uniprot ID</b>	P29622
<b>Chromosome Location</b>	14q31-q32.1
<b>Function</b>	peptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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