

Recombinant Full Length Human SERPINE2 Protein, C-Flag-tagged

Cat. No. SERPINE2-1219HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SERPINE2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the serpin family of proteins, a group of proteins that inhibit serine proteases. Thrombin, urokinase, plasmin and trypsin are among the proteases that this family member can inhibit. This gene is a susceptibility gene for chronic obstructive pulmonary disease and for emphysema. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	41.8 kDa
AA Sequence	MNWHLPLFLLASVTLP SICS HFNPLSLEELGSNTGIQVFNQIVKSRPHDNIVISPHGIA SVLGMLQLGAD GRTKKQLAMVMRYGVNGVGKILKKINKAIVSKKNKDIVTVANAVFV KNASEIEVPFVTRNKDVFQCEVRN VNFEDPASACDSINAWVKNETRDMIDNLLSPD LIDGVLTRLVLVNAVYFKGLWKS RFQPENTKKRTFVAA DGKSYQVPMLAQLSVFRC GSTSAPNDLWYNFIELPYHGESISMLIALPTESSTPLSAIIPHISTKTIDSW MSIMVPKR VQVILPKFTAVAQTDLKEPLKVLGITDMFDSSKANFAKITTGSENLHVSHILQKAKIEV SED

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	GTKASAATTAILIARSSPPWFIVDRPFLFFIRHNPTGAVLFMGQINKPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	SERPINE2 serpin family E member 2 [Homo sapiens (human)]
Official Symbol	SERPINE2
Synonyms	GDN; PI7; PN1; PNI; PI-7; PN-1; GDNPF
Gene ID	5270
mRNA Refseq	NM_006216.4

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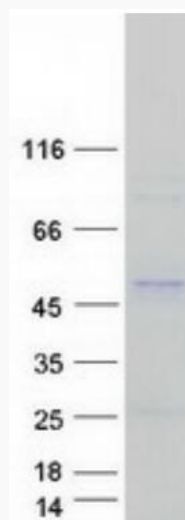
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Protein Refseq NP_006207.1

MIM 177010

UniProt ID P07093



Coomassie blue staining of purified SERPINE2 protein.

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