

# Recombinant Full Length Human SERPINI1 protein, His-tagged

Cat. No. SERPINI1-2345H    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human SERPINI1 protein(NP_005016.1)(Met1-Leu410), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Leu410
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The secreted recombinant human SERPINI1 consists of 405 amino acids after removal of the signal peptide and has a calculated molecular mass of 46 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh SERPINI1 is approximately 50-55 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

Gene Name	SERPINI1 serpin peptidase inhibitor, clade I (neuroserpin), member 1 [ Homo sapiens ]
Official Symbol	SERPINI1
Synonyms	SERPINI1; serpin peptidase inhibitor, clade I (neuroserpin), member 1; PI12, serine (or cysteine) proteinase inhibitor, clade I (neuroserpin), member 1; neuroserpin; PI-12; serpin I1; peptidase inhibitor 12; serine (or cysteine) proteinase inhibitor, clade I (neuroserpin), member 1; PI12; DKFZp781N13156;
Gene ID	5274
mRNA Refseq	NM_001122752
Protein Refseq	NP_001116224
MIM	602445
UniProt ID	Q99574

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