

# Active Recombinant Full Length Human SERPINE2, His-tagged

**Cat. No.** SERPINE2-688H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human SERPINE2 (Accession # NP_001130000) Met1-Pro397, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	1-397 a.a.
<b>Predicted N Terminal</b>	Ser20
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Sodium Acetate, NaCl and Glycerol.
<b>Bio-activity</b>	Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH <sub>2</sub> . The IC <sub>50</sub> value is <2 nM, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Human SERPINE2, His-tagged has a calculated MW of 43 kDa. In SDS-PAGE migrates as 50 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

## GENE INFORMATION

<b>Gene Name</b>	SERPINE2 serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2 [ Homo sapiens ]
<b>Official Symbol</b>	SERPINE2
<b>Synonyms</b>	SERPINE2; serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2; PI7, serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2; glia-derived nexin; GDN; glial derived nexin 1; nexin; PN1; PNI; serpin E2; protease nexin I; peptidase inhibitor 7; glial-derived neurite promoting factor; PI7; PI-7; PN-1; DKFZp686A13110;
<b>Gene ID</b>	5270
<b>mRNA Refseq</b>	NM_001136528
<b>Protein Refseq</b>	NP_001130000
<b>MIM</b>	177010
<b>UniProt ID</b>	P07093
<b>Chromosome Location</b>	2q33-q35

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