

Active Recombinant Full Length Human SERPINE2, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Mammalian Cells
ProteinLength	1-397 a.a.
Predicted N Terminal	Ser20
Form	Supplied as a 0.2 µ filtered solution in Sodium Acetate, NaCl and Glycerol.
Bio-activity	Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH ₂ . The IC ₅₀ value is <2 nM, as measured under the described conditions.
Molecular Mass	Recombinant Human SERPINE2, His-tagged has a calculated MW of 43 kDa. In SDS-PAGE migrates as 50 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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

Gene Name SERPINE2 serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2 [Homo sapiens]

Official Symbol SERPINE2

Synonyms 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;

Gene ID 5270

mRNA Refseq NM_001136528

Protein Refseq NP_001130000

MIM 177010

UniProt ID P07093

Chromosome Location 2q33-q35

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