

Recombinant Human SerpinD1 protein, His-tagged

Cat. No. SerpinD1-2175H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SerpinD1 protein(NP_000176.2)(Met1-Ser499), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser499
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The mature recombinant human SerpinD1 consists of 491 amino acids and predicts a molecular mass of 56.4 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rhSerpinD1 is approximately 65-70 kDa as a result of glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

 Tel: 1-631-559-9269 1-516-512-3133

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name

SERPIND1 serpin peptidase inhibitor, clade D (heparin cofactor), member 1 [Homo sapiens]

Official Symbol

SerpinD1

Synonyms

SERPIND1; serpin peptidase inhibitor, clade D (heparin cofactor), member 1; HCF2, serine (or cysteine) proteinase inhibitor, clade D (heparin cofactor), member 1; heparin cofactor 2; D22S673; HC II; HC2; heparin cofactor II; HLS2; serpin D1; leuserpin 2; protease inhibitor leuserpin-2; serine (or cysteine) proteinase inhibitor, clade D (heparin cofactor), member 1; LS2; HCF2; HCII; THPH10;

Gene ID

3053

mRNA Refseq

NM_000185

Protein Refseq

NP_000176

MIM

142360

UniProt ID

P05546

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