

Active Recombinant Human SERPINB2 protein, GST-tagged

Cat. No. SERPINB2-3071H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINB2 protein(Met1-Pro415), fused with N-terminal GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	1-415 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 0.5mM Reduced Glutathione, 10% glycerol, 0.5mM PMSF. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized human GST-SerpinB2 at 10 µg/ml (100 µl/well) can bind biotinylated human uPA-His, The EC50 of biotinylated human uPA-His is 10.24-23.88 ng/ml.
Molecular Mass	73 kDa
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	≥ 90 % as determined by SDS-PAGE
Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION
Gene Name

SERPINB2 serpin peptidase inhibitor, clade B (ovalbumin), member 2 [Homo sapiens]

Official Symbol

SERPINB2

Synonyms

SERPINB2; serpin peptidase inhibitor, clade B (ovalbumin), member 2; PAI2, PLANH2, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 2; plasminogen activator inhibitor 2; HsT1201; serpin B2; monocyte Arg-serpin; urokinase inhibitor; placental plasminogen activator inhibitor; plasminogen activator inhibitor, type II (arginine-serpin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 2; PAI; PAI2; PAI-2; PLANH2;

Gene ID

5055

mRNA Refseq

NM_001143818

Protein Refseq

NP_001137290

MIM

173390

UniProt ID

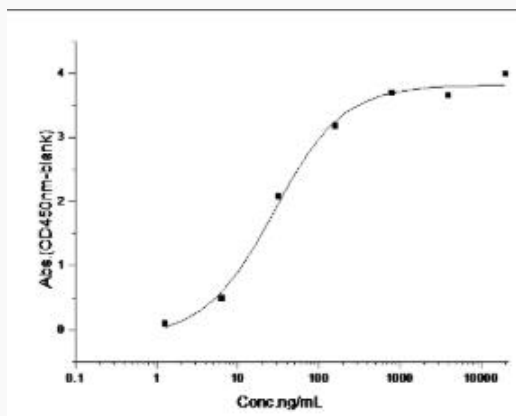
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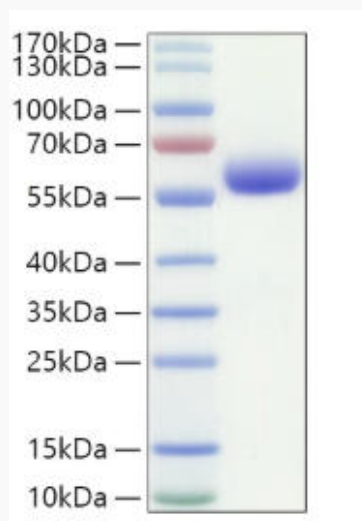
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Activity



SDS-PAGE



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