

Recombinant Human SERPINB8

Cat. No. SERPINB8-31160TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SerpinB8 with a N terminal proprietary tag: predicted MW 52.73 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	242 amino acids
Description	The superfamily of high molecular weight serine proteinase inhibitors (serpins) regulate a diverse set of intracellular and extracellular processes such as complement activation, fibrinolysis, coagulation, cellular differentiation, tumor suppression, apoptosis, and cell migration.
Molecular Weight	52.730kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

MDDLCEANGTFAISLFKILGEEDNSRNVFFSPMISSALA MVFMGAKGSTAAQMSQ
 ALCLYKDGDHHRGFQSLLSEVNRT GTQYLLRTANRLFGEKTCDFLPDFKEYCQKFY
 QAELEELS FAEDTEECRKHINDWVAEKTEGKISEVLDAGTVDPLTKLV LVNAIYFKG
 KWNEQFDRKYTRGMLFKTNEEKKTVMQMMFKE AKFKMGYADEVHTQVLELPYVEE
 ELSMVILLPDDNTDLAV KE

Sequence Similarities

Belongs to the serpin family. Ov-serpin subfamily.

GENE INFORMATION

Gene Name [SERPINB8 serpin peptidase inhibitor, clade B \(ovalbumin\), member 8 \[Homo sapiens \]](#)

Official Symbol [SERPINB8](#)

Synonyms SERPINB8; serpin peptidase inhibitor, clade B (ovalbumin), member 8; PI8, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 8; serpin B8; CAP2; cytoplasmic antiproteinase 2;

Gene ID [5271](#)

mRNA Refseq [NM_001031848](#)

Protein Refseq [NP_001027018](#)

MIM [601697](#)

Uniprot ID [P50452](#)

Chromosome Location 18q21.3

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Function

peptidase inhibitor activity; protein binding; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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