

Active Recombinant Mouse SERPINA9 Protein, N-6×His tagged

Cat. No. SERPINA9-11H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Serpin A9/Centerin Protein (Asn26-Met418) with an N-terminal 6-His tag was expressed in Mouse myeloma cell line.
Species	Mouse
Source	NS0
ProteinLength	26-418 a.a.
Description	Predicted to act upstream of or within otolith morphogenesis. Located in extracellular space.
Form	Monomer
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 < 7 nM, measured under the described conditions.
Molecular Mass	Predicted Molecular Mass: 45 kDa SDS-PAGE: 40-50 kDa, reducing conditions
N-terminal Sequence Analysis	His
Endotoxin	< 1.0/μg of the protein by the LAL method.

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Purity	>90% by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 6 months from date of receipt, -70 centigrade as supplied. 3 months, -70 centigrade under sterile conditions after opening.
Storage Buffer	Supplied as a 0.2 µm filtered solution in Tris and NaCl.
Shipping	The product is shipped with dry ice or equivalent.

GENE INFORMATION

Gene Name	Serpina9 serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 9 [<i>Mus musculus</i> (house mouse)]
Official Symbol	SERPINA9
Synonyms	SERPINA9; serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 9; serpin A9; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 9; AW049635; Centerin; 2310014L03Rik;
Gene ID	71907
mRNA Refseq	NM_027997
Protein Refseq	NP_082273
UniProt ID	Q9D7D2

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