

Recombinant Mouse Serpinf2 Protein (Val28-Lys491), C-His tagged

Cat. No. Serpinf2-6800M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Serpinf2 (Val28-Lys491) fused with the C-terminal His tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Val28-Lys491
Description	Predicted to enable protease binding activity; protein homodimerization activity; and serine-type endopeptidase inhibitor activity. Involved in several processes, including collagen fibril organization; maintenance of blood vessel diameter homeostasis by renin-angiotensin; and positive regulation of biosynthetic process. Located in collagen-containing extracellular matrix. Is expressed in several structures, including liver; pancreas epithelium; urinary system; and yolk sac. Used to study alpha-2-plasmin inhibitor deficiency. Human ortholog (s) of this gene implicated in COVID-19 and alpha-2-plasmin inhibitor deficiency. Orthologous to human SERPINF2 (serpin family F member 2).
Form	Lyophilized powder/frozen liquid
Molecular Mass	51.04 kDa
Purity	> 90 % as determined by SDS-PAGE

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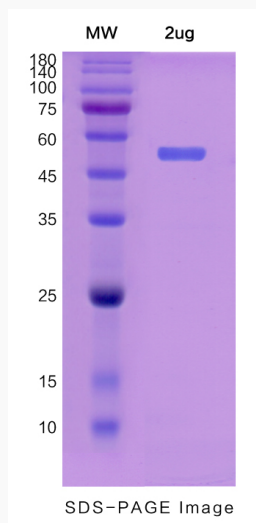
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	Serpinf2 serine (or cysteine) peptidase inhibitor, clade F, member 2 [Mus musculus (house mouse)]
Official Symbol	Serpinf2
Synonyms	Serpinf2; serine (or cysteine) peptidase inhibitor, clade F, member 2; PlI; Serpimf2; alpha-2-antiplasmin; alpha-2-AP; alpha-2-PI; alpha-2-plasmin inhibitor; pigment epithelium derived factor; plasmin inhibitor alpha 2; serine (or cysteine) proteinase inhibitor, clade F, member 2; serpin F2
Gene ID	18816
mRNA Refseq	NM_008878
Protein Refseq	NP_032904
UniProt ID	Q61247

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SDS-PAGE



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