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## Product Data Sheet

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Product Name: SERPINF2 Mouse

Cat. No.: GP24548

Batch No.: 1

**Product Data**

Purity	>98%	Source	Sf9,Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Alpha-2-antiplasmin; Alpha-2-AP; Alpha-2-plasmininhibitor; Alpha-2-PI; Serpin F2.		
Amino Acid Sequence	VDLPGQQPVS EQAQQKLPLP ALFKLDNQDF GDHATLKRSP GHCKSVPTAEETRRLAQAMM AFTTDLFSLV AQTSTSSNLV LSPLSVALAL SHLALGAQNNQ TLHSLHRVLH MNTGSCPLHLLSHFYQNLGP GTIRLAARIY LQKGFPIKDD FLEQSERLFG AKPVKLTGKQ EEDLANINQW VKEATEGKIEDFLSELPDST VLLLLNAIHF HGFWRTKFDP SLTQKDFHHL DERFTVSVDM MHAVSYPRLW FLLEQPEIQVAHFPPKNNMS FVVVMPTYFE WNVSEVLANL TWDTLYHPSL QERPTKVWLP KLHLQQQLDL VATLSQLGLQELFQGPDLRG ISEQNLVSS VQHQSTMELS EAGVEAAAAT SVAMNRMSLS SFTVNRPFLF FIMEDTIGVPLFVGSVRNPN PSALPQLQEQ RDSPDNRLIG QNDKADFHGG KTFGPDLKLA PRMEEDYPQF SSPKHHHHHHH.		
Formulation	SERPINF2 protein solution (1mg/ml) contains PhosphateBuffered Saline (pH 7.4) and 10% glycerol.		

**Introduction**

Alpha-2-antiplasmin (SERPINF2) is a serine protease inhibitor. The main targets of SERPINF2 are plasmin and trypsin; however SERPINF2 also inactivates matriptase-3/TMPRSS7 and chymotrypsin.

**Stability**

Store at 4°C if entire vial will be used within 2-4weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrierprotein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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SERPINF2 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 470 amino acids (28-491 a.a.) and having a molecular mass of 52.9kDa (Migrates at 70-100kDa on SDS-PAGE under reducing conditions).

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