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DATA SHEET

Serpin Peptidase Inhibitor, Clade A Mouse Recombinant

Item Number	rAP-4769
Synonyms	Serpin A9, Serpina9, SERPINA9.
Description	SERPINA9 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 401 amino acids (26-418 a.a) and having a molecular mass of 45.2kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa).SERPINA9 is fused to an 8 amino acid His-tag at C-
Uniprot Accesion Number	Q9D7D2
Amino Acid Sequence	NPYNQESSHL PSMKKNPASQ VSPSNTRFSF LLYQRLAQEN PGQNILFSPV SISTSLAMLS LGARSATKTQ ILRTLGFNFT WVSEPTIHMG FEYLVRSLNK CHQGRELRMG SVLFIRKELQ LQATFLDRVK KLYGAKVFSE DFSNAATAQA QINSYVEKET KGKVVDVIQD LDSQTAMVLV NHIFFKANWT QPFSTANTNK SFPFLLSKGT TVHVPMMHQT ESFAFGVDKE LGCSILQMDY RGDAVAFFVL PGKGKMRQLE KSLSARRLRK WSRSLQKRWI KVFIPKFSIS ASYNLETILP KMGIRDAFNS NADFSGITKT HFLQVSKAAH KAVLDVSEEG TEAAAATTTK LIVRSRDTPS SIIAFKEPFL
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	SERPINA9 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only