

Product information

Alpha-2-antiplasmin, 28-491aa

Mouse, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3193

NCBI Accession No.: NP_032904

Synonyms: Serpinf2, AI747498, Pli, Serpimf2

Description: SERPINF2, also known as alpha-2-antiplasmin, is serine protease inhibitor. The major targets of this inhibitor are plasmin and trypsin, but it also inactivates matriptase-3/TMPRSS7 and chymotrypsin. Recombinant mouse SERPINF2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

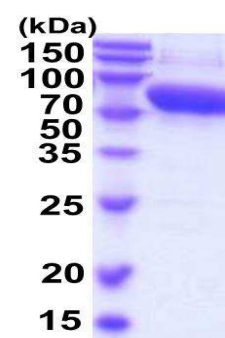
Molecular Weight: 52.9kDa (470aa)

70-100kDa (SDS-PAGE under reducing conditions.)

Purity: > 90% by SDS – PAGE.

Concentration: 1mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: < 1.0 EU per 1µg of protein (determined by LAL method)



15% SDS-PAGE (3µg)

Sequences of amino acids:

VDLPGQQPVS EQAQQKLPLP ALFKLDNQDF GDHATLKRSP GHCKSVPTAE ETRRLAQAMM AFTTDLFSLV AQTSTSSNLV LSPLSVALAL
SHLALGAQNN TLHSLHRVLH MNTGSCLPHL LSHFYQNLGP GTIRLAARIY LQKGFPIKDD FLEQSERLFG AKPVKLTGKQ EEDLANINQW
VKEATEGKIE DFLSELPDST VLLLLNAIHF HGFWRKFDLP SLTQKDFHLL DERFTVSVDL MHAVSYPLRW FLLEQPEIQV AHFPFKNNMS
FVVVMPTYPE WNVSEVLNLL TWDTLYHPSL QERPTKVWLP KLHLQQQLDL VATLSQLGLQ ELFGQPDLRG ISEQNLVVSS VQHQSTMELS
EAGVEAAAAT SVAMNRMSSS SFTVNRPLFL FIMEDTIGVP LFVGSVRNPN PSALPQLQEQ RDSPDNRLIG QNDKADFHGG KTFGPDCLKLA
PRMEEDYPQF SSPKHHHHHH

General references:

Menoud P.-A. *et al.*, (1995) *J. Clin. Invest.* 97:2478-2484.

Silverman G.A *et al.*, (2001) *J. Biol. Chem.* 276:33293.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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