

Recombinant mouse Serpin F2/alpha 2-Antiplasmin protein

Catalog Number: ATGP3193

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

28-491aa

UniProt No.

Q61247

NCBI Accession No.

NP_032904

Alternative Names

Serpinf2, A1747498, Pli, Serpimf2

PRODUCT SPECIFICATION

Molecular Weight

52.9 kDa (470aa)

Concentration

1mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

VDLPGQQPVS EQAQQKLPLP ALFKLDNQDF GDHATLKRSP GHCKSVPTAE ETRRLAQAMM AFTTDLFSLV AQTSTSSNLV
LSPLSVALAL SHLALGAQNG TLHSLHRVLH MNTGSCLPHL LSHFYQNLGP GTIRLAARIY LQKGFPIKDD FLEQSERLFG
AKPVKLTGKQ EEDLANINQW VKEATEGKIE DFLSELPDST VLLLLNAIHF HGFWRTKFDP SLTQKDFHHL DERFTVSVDM
MHAVSYPLRW FLLEQPEIQV AHFPFKNNMS FVVVMPTYFE WNVSEVLANL TWDTLYHPSL QERPTKVWLP KLHLQQQLDL
VATLSQLGLQ ELFQGPDLRG ISEQNLVVSS VQHQSTMELS EAGVEAAAAT SVAMNRMSLS SFTVNRPFLF FIMEDTIGVP
LFVGSVRNPN PSALPQLQE Q RDSPDNRLIG QNDKADFHGG KTFGPDLKLA PRMEEDYPQF SSPK<HHHHHH>

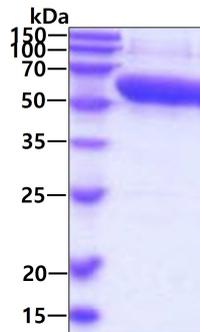
General References

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

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.