

Datasheet for ABIN5854375

alpha 2 Antiplasmin Protein (AA 28-491) (His tag)



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	alpha 2 Antiplasmin (SERPINF2)
Protein Characteristics:	AA 28-491
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This alpha 2 Antiplasmin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	VDLPGQQPVS EQAQQKLPLP ALFKLDNQDF GDHATLKRSP GHCKSVPTAE ETRRLAQAMM AFTTDLFSLV AQTSTSSNLV LSPLSVALAL SHLALGAQNQ TLHSLHRVLH MNTGSCPLHL LSHFYQNLGP GTIRLAARIY LQKGFPIKDD FLEQSERLFG AKPVKLTGKQ EEDLANINQW VKEATEGKIE DFLSELPDST VLLLLNAIHF HGFWRTKFDP SLTQKDFHHL DERFTVSVDM MHAVSYPLRW FLLEQPEIQV AHFPFKNNMS FVVVMPTYFE WNVSEVLANL TWDTLYHPSL QERPTKVWLP KLHLQQQLDL VATLSQLGLQ ELFGQPDLRG ISEQNLVVSS VQHQSTMELS EAGVEAAAAT SVAMNRMSLS SFTVNRPFLL FIMEDTIGVP LFVGSVRNPN PSALPQLQEQ RDSPDNRLIG QNDKADFHGG KTFGPDCLKA PRMEEDYPQF SSPKHHHHHH
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

Target Details

Target:	alpha 2 Antiplasmin (SERPINF2)
Alternative Name:	Serpin F2/alpha 2-Antiplasmin (SERPINF2 Products)
Background:	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.
Molecular Weight:	52.9 kDa (470aa)
NCBI Accession:	NP_032904
UniProt:	Q61247
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.