Datasheet for ABIN6388054

PLAT Protein (AA 36-310) (His tag)

1 Image

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Overview

Quantity:	50 µg
Target:	PLAT
Protein Characteristics:	AA 36-310
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLAT protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPSYQVICR DEKTQMIYQQ HQSWLRPVLR SNRVEYCWCN SGRAQCHSVP VKSCSEPRCF NGGTCQQALY FSDFVCQCPE GFAGKCCEID TRATCYEDQG ISYRGTWSTA ESGAECTNWN SSALAQKPYS GRRPDAIRLG LGNHNYCRNP DRDSKPWCYV FKAGKYSSEF CSTPACSEGN SDCYFGNGSA YRGTHSLTES GASCLPWNSM ILIGKVYTAQ NPSAQALGLG KHNYCRNPDG DAKPWCHVLK NRRLTWEYCD VPSCSTCGLR QYSQPQFRHH HHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	PLAT
Alternative Name:	PLAT (PLAT Products)

Target Details

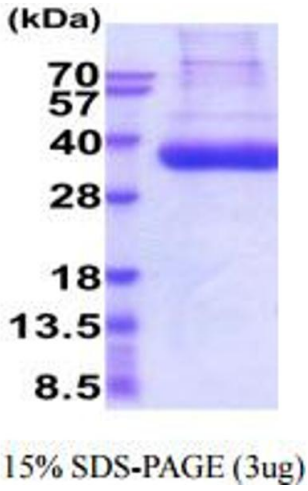
Background:	PLAT, also known as tissue-type plasminogen activator isoform 1, is a protein involved in the breakdown of blood clots. This protein is secreted as a single chain polypeptide precursor which is cleaved in turn by plasmin. Also, active PLAT converts plasminogen to plasmin, a fibrinolytic protease, by hydrolyzing an Arg-Val peptide bond in plasminogen. Recombinant human PLAT protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	32.0kDa (284aa) 28-40KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_000921
UniProt:	P00750
Pathways:	Autophagy, Smooth Muscle Cell Migration, Platelet-derived growth Factor Receptor Signaling, SARS-CoV-2 Protein Interactome

Application Details

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

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In 50 mM MES(pH 5.5) containing 10 % glycerol, 100 mM NaCl, 5 mM CaCl2.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.

