

PLAU recombinant protein

PLAU, 21-431aa, Human, His tag, Baculovirus

CATALOG # AAA48928	HOST Baculovirus	APPLICATIONS SDS-Page
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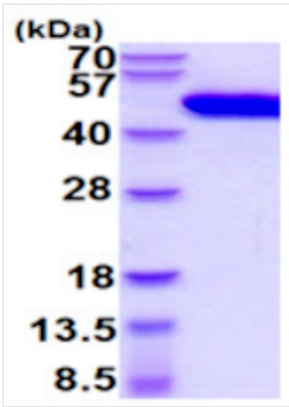
PRODUCT SYNONYMS

PLAU; 21-431aa; Human; His tag; Baculovirus; Urokinase-type plasminogen activator; ATF; BDPLT5; QPD; u-PA; UPA; URK; Endothelial plasminogen activator inhibitor; PAI PAI 1; PLANH1; Plasminogen activator inhibitor 1; Plasminogen activator urinary; Plasminogen activator urokinase; Serine (or cysteine) proteinase inhibitor clade E (nexin plasminogen activator inhibitor type 1) member 1; Serpin E1; Serpin peptidase inhibitor clade E (nexin plasminogen activator inhibitor type 1) member 1; SERPINE1; u PA; U plasminogen activator; Urokinase type plasminogen activator; PLAU recombinant protein

PRODUCT SPECIFICATIONS

Host	Baculovirus
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol.
Concentration	0.5 mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence	SNELHQVPSN CDCLNGGTCV SNKYFSNIHW CNCPKKFGGQ HCEIDKSKTC YEGNGHFYRG KASTDTMGRP CLPWNSATVL QQTYHAHRSD ALQLGLGKHN YCRNPDNRRR PWCYVQVGLK PLVQECMVHD CADGKKPSSP PEELKFQCGQ KTLRPRFKII GGEFTTIENQ PWFAAIYRRH RGSVTVYVCG GSLISPCWVI SATHCFIDYP KKEDYIVYLG SRLNSNTQG EMKFEVENLI LHKDYSADTL AHHNDIALLK IRSKEGRCAQ PSRTIQTICL PSMYNDPQFG TSCEITGFGK ENSTDYLYPE QLKMTVVKLI SHRECQPHY YGSEVTTKML CAADPQWKTD SCQGDSGGPL VCSLQGRMTL TGIVSWGRGC ALKDKPGVYT RVSHFLPWIR SHTKEENGLA LLEHHHHHH
Sequence Length	431
Applicable Applications for PLAU recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	21-431aa
Endotoxin Level	< 1.0 EU per 1 ug of protein (determined by LAL method)
Preparation and Storage	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.

IMAGES



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

ADDITIONAL INFORMATION

Related Product Information for PLAU recombinant protein	PLAU, also known as urokinase-type plasminogen activator, is a serine protease which converts plasminogen to plasmin. It is a broad-spectrum protease active on extracellular matrix (ECM) components. It is involved in complement activation, cell migration, wound healing, and generation of localized extracellular proteolysis during tissue remodeling, pro-hormone conversion, carcinogenesis and neoplasia. Recombinant human PLAU, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Product Categories/Family for PLAU recombinant protein	Enzymes & Proteases; Neuroscience
References	Crippa MP., et al. (2007) Int J Biochem Cell Biol. 39:690-694.; Kunamneni A., et al. (2008) Recent Pat Cardiovasc Drug Discov. 3:45-58.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505863
NCBI GeneID	5328
NCBI Accession #	NP_002649
NCBI GenBank Nucleotide #	NM_002658.4
UniProt Accession #	P00749; Q15844; Q16618; Q53XS3; Q5SWW9; Q969W6; B4DPZ2
Molecular Weight	47.4 kDa (419aa)
NCBI Official Full Name	urokinase-type plasminogen activator isoform 1 preproprotein
NCBI Official Synonym Full Names	plasminogen activator, urokinase
NCBI Official Symbol	PLAU
NCBI Official Synonym Symbols	ATF; QPD; UPA; URK; u-PA; BDPLT5
NCBI Protein Information	urokinase-type plasminogen activator
UniProt Protein Name	Urokinase-type plasminogen activator
UniProt Gene Name	PLAU
UniProt Synonym Gene Names	U-plasminogen activator; uPA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

