

Plasminogen Activator Recombinant Protein | uPA recombinant protein

Recombinant Plasminogen Activator, Urokinase (uPA)

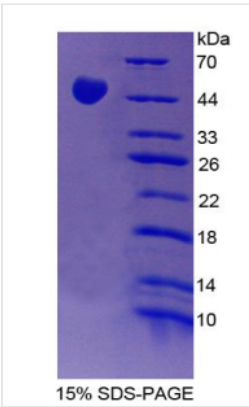
CATALOG # AAA144066	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Plasminogen Activator; Recombinant Plasminogen Activator; Urokinase (uPA); uPA recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	8.2 (varies by lot)
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGS-SEG GSELEASDES NCGCQNGGVC VSYKYFSSIR RCSCP KFKG EHCEIDTSK CYHGNGQSYR GKANTDTKGR PCLAWN SPAV LQQTYN AHRS DALSLGLGKH NYCRNPDNQR RPWCYVQIGL KQFVQECMVQ DCSLSKKPSS TVDQQGFQCG QKALRPRFKI VGGEFTVVEN QPWF AAIYK NKGGSPPSFK CGGSLISPCW VASATHCFVN QPKKEEYVVY LGQSKRNSYN PGEMKFEVEQ LILHEDFSDE TLA FHNDIAL LKIRTSTGQC AQP SRTIQT I CLPPRFGDAP FGSDCEITGF GQESATDYFY PKDLKMSVVK IISHEQCKQP HYYGSEINYK MLCAADPEWK TDSCSGDSGG PLICNIDGRP T LSGIVSWGS GCAEKNKPGV YTRVSYFLNW IQSHIGEENG LAF
Sequence Length	562
Applicable Applications for uPA recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	49.7kDa
Accurate Molecular Mass (KD)	50kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Rattus norvegicus (Rat)
Fragment	Ser17~Phe432
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

SEGG SELEASDESN CGCQNGGVCV SYKYFSSIRR
CSCPKKFKGE HCEIDTSKTC YHONGQSYRG KANTDTKGRP CLAWNPAVL
QQTYNHRSD ALSLGLGKHN YCRNPQNQRR PWCVYQIGLK QFVQECMVQD
CSLSKKPSST VDQGGFQCGQ KALRPRFKIV GGEFTVVENQ PWFAAIYLNK
KGGSPSPFKC GGSLISPCWV ASATHCFVNO PKKEEYVYVL GQSKRNSYNP
GEMKFEVEQL ILHEDFSDET LAFHNDIALL KIRSTGQCA QPSRTIQITIC
LPPRFGDAPF GSDCEITGFG QESATDYFYP KDLKMSVVKI ISHEQCKQPH
YYGSEINYKM LCAADPEWKT DSCSGDSGGP LICNIDGRPT LSGIVSWGSG
CAEKNKPGVY TRVSYFLNWI QSHIGEENGL AF

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	339818
NCBI GeneID	5327
Molecular Weight	44,373 Da
NCBI Official Full Name	plasminogen activator
NCBI Official Synonym Full Names	plasminogen activator, tissue
NCBI Official Symbol	PLAT
NCBI Official Synonym Symbols	TPA; T-PA
NCBI Protein Information	tissue-type plasminogen activator
UniProt Protein Name	Tissue-type plasminogen activator
UniProt Gene Name	PLAT
UniProt Synonym Gene Names	t-PA; t-plasminogen activator; tPA
UniProt Entry Name	TPA_HUMAN

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.