RPA140Ra01 50µg

Recombinant Plasminogen Activator, Urokinase (uPA)

Organism Species: Rattus norvegicus (Rat)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Ser17~Phe432

Tags: N-terminal His-Tag

Subcellular Location: Secreted.

Purity: >98%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 8.2

Predicted Molecular Mass: 49.5kDa

Accurate Molecular Mass: 50kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8^{o}C for one month.

Aliquot and store at -80^{o}C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37^{o}C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

SEGG SELEASDESN CGCQNGGVCV SYKYFSSIRR
CSCPKKFKGE HCEIDTSKTC YHGNGQSYRG KANTDTKGRP CLAWNSPAVL
QQTYNAHRSD ALSLGLGKHN YCRNPDNQRR PWCYVQIGLK QFVQECMVQD
CSLSKKPSST VDQQGFQCGQ KALRPRFKIV GGEFTVVENQ PWFAAIYLKN
KGGSPPSFKC GGSLISPCWV ASATHCFVNQ PKKEEYVVYL GQSKRNSYNP
GEMKFEVEQL ILHEDFSDET LAFHNDIALL KIRTSTGQCA QPSRTIQTIC
LPPRFGDAPF GSDCEITGFG QESATDYFYP KDLKMSVVKI ISHEQCKQPH
YYGSEINYKM LCAADPEWKT DSCSGDSGGP LICNIDGRPT LSGIVSWGSG
CAEKNKPGVY TRVSYFLNWI QSHIGEENGL AF

[IDENTIFICATION]

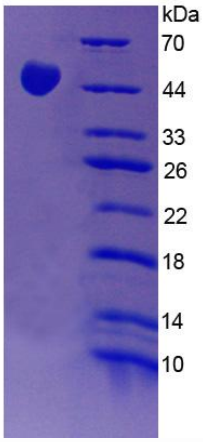

Figure 1. SDS-PAGE