

uPA (C-6His) Recombinant Protein | uPA recombinant protein

Recombinant Human uPA (C-6His)

CATALOG #
AAA269061

HOST
Source: Human Cells

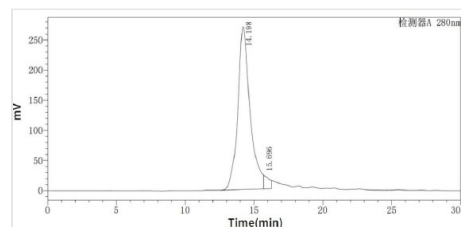
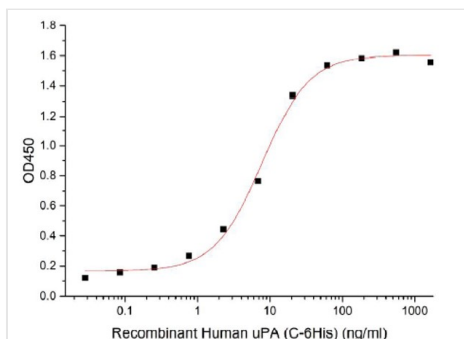
PRODUCT SYNONYMS

uPA (C-6His); Recombinant Human uPA (C-6His); Urokinase-Type Plasminogen Activator; U-Plasminogen Activator; uPA; PLAU; uPA recombinant protein

PRODUCT SPECIFICATIONS

Host	Source: Human Cells
Form/Format	Supplied as a 0.2 um filtered solution of 20mM HEPES, 2mM CaCl ₂ , 10% Glycerol, pH 7.4.
Endotoxin	< 1 EU/ug as determined by LAL test.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at <=-70°C, stable for 6 months after receipt. Store at <=-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.

IMAGES

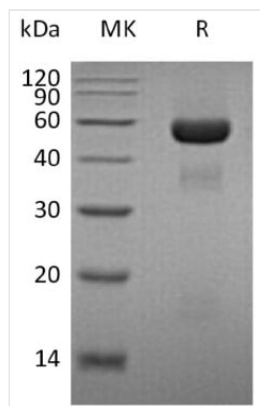


SEC-HPLC

Greater than 95% as determined by SEC-HPLC. (Regularly tested)

Application Data

Immobilized Human uPAR-His (Cat#: at 2ug/ml (100 ul/well) can bind Human uPA-His* (Cat#: AAA269061) Biotinylated by NHS-biotin prior to testing. The ED50 of Human uPA-His is 7.19 ng/ml. (Regularly tested)



SDS-PAGE

Greater than 95% as determined by reducing SDS-PAGE.

ADDITIONAL INFORMATION

Related Product Information for uPA recombinant protein	Recombinant Human Urokinase-Type Plasminogen Activator is produced by our Mammalian expression system and the target gene encoding Ser21-Leu431 is expressed with a 6His tag at the C-terminus. Background: Recombinant Human Urokinase-Type Plasminogen Activator is a serine protease,which specifically cleaves the zymogen plasminogen to form the active enzyme plasmin. Urokinase-Type Plasminogen Activator is a potent marker of invasion and metastasis in many human cancers associated with breast, colon, stomach, bladder,brain, ovary and endometrium. Human Urokinase-Type Plasminogen Activator is initially synthesized as 431 amino acid precursor with a N-terminal signal peptide residues. The single chain molecule is processed into a disulfide-linked two-chain molecule. There exists two forms A chain, the long A chain contains an EGF-like domain that is responsible for binding of the uPA receptor. The B chain corresponds to the catalytic domain.
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	P00749
Molecular Weight	Predicted Mol Mass: 47.41 KDa; Apparent Mol Mass: 45-55 KDa, reducing conditions

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.

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Online datasheet: <https://stage.aaabiotech.com/upa-c-6his-recombinant-protein/269061>