

Recombinant Human Urokinase/uPA protein (His tag)

Catalog Number:PDMH100158



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	Urokinase-Type Plasminogen Activator;U-Plasminogen Activator;uPA;PLAU;ATF;BDPLT5;QPD;u-PA;UPA;URK
Species	Human
Expression Host	HEK293 Cells
Sequence	Met1-Leu431
Accession	P00749
Calculated Molecular Weight	47.3 kDa
Observed molecular weight	45 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

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.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017