

Human TPA (36-310) Recombinant Protein



RPPB2337

Product Information Protein Information

Product SKU:

RPPB2337

Accession:

P00750

Host:

Sf9, Baculovirus cells.

Protein description:

TPA Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 284 amino acids (36-310a.a.) and having a molecular mass of 32.0kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). TPA is expressed with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Tissue-type plasminogen activator, EC 3.4.21.68, tPA, t-PA, t-plasminogen activator, TPA, T-PA, DKFZp686l03148, PLAT and tPA, Alteplase, Reteplase, Plasminogen Activator, Tissue, Plasminogen/Activator Kringle.

Formulation:

TPA protein solution (0.25mg/ml) contains 50mM MES(pH5.5), 10% glycerol, 100mM NaCl and 5mM CaCl₂.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

ADPSYQVICR DEKTQMIYQQ HQSWLRPVLK SNRVEYCWCN SGRAQCHSVP VKSCSEPRCF NGGTCQQALY
FSDFCQCPE GFAGKCCEID TRATCYEDQG ISYRGTWSTA ESGAECTNWN SSALAQKPYS GRRPDAIRLG
LGNHNYCRNP DRDSKPWCYV FKAGKYSSEF CSTPACSEGN SDCYFGNGSA YRGTHSLTES GASCLPWNSM
ILIGKVYTAQ NPSAQALGLG KHNYCRNPDG DAKPWCHVLK NRRLTWEYCD VPSCSTCGLR QYSQPQFRHH
HHHH.