

Human TPA (311-562) Recombinant Protein



RPPB2336

Product Information Protein Information

Product SKU:

RPPB2336

Accession:

P00750

Host:

Sf9, Baculovirus cells.

Protein description:

TPA Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 261 amino acids (311-562 a.a.) and having a molecular mass of 29.2kDa (Migrates at 28-40kDa on SDS-PAGE under reducing conditions). TPA is expressed with a 6 amino acid 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, DKFZp686I03148, PLAT and tPA.

Formulation:

TPA protein solution (0.5mg/ml) contains 50mM MES (pH 5.0), 5mM CaCl₂, 1mM DTT, 0.5M NaCl and 30% glycerol.

Purity:

Greater than 95.0% 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:

ADPIKGGFLFA DIASHPWQAA IFAKHRRSPG ERFLCGGILI SSCWILSAAH CFQERFPPHH LTVILGRITYR
VVPGEEEQKF EVEKYIVHKE FDDDTYDNDI ALLQLKSDSS RCAQESSVVR TVCLPPADLQ LPDWTECELS
GYGKHEALSP FYSERLKEAH VRLYPSSRCT SQHLLNRTVT DNMLCAGDTR SGGPQANLHD ACQGDSGGPL
VCLNDGRMTL VGIISWGLGC GQKDVPGVYT KVTNYLDWIR DNMRPHHHHH H.