Mouse tPA Protein

Catalog # TPA-MF001 Form: Lyophilized

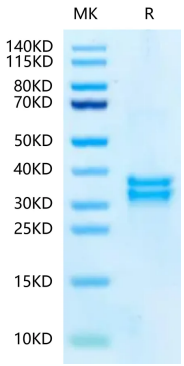
Product Details

Product description	Recombinant Mouse tPA Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the N-terminus. It contains amino acid residues Ser33-Gln559, which consists of two chains: chain A (Ser36-Arg308) and chain B (Ile309-Gln559) (UniProt accession: P11214).
Molecular aliases	t-PA; tPA; Alteplase; Reteplase; PLAT;
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 85.00 kDa. It migrates to 35-40 kDa and 30-35 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Mouse tPA on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.