

T-PA Protein, Human (HEK293)

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| Cat. No.: | HY-P73451 |
| Synonyms: | T-PA; TPA; t-plasminogen activator; Tissue plasminogen activator |
| Species: | Human |
| Source: | HEK293 |
| Accession: | NP_000921.1 (I311-P562) |
| Gene ID: | 5327 |
| Molecular Weight: | Approximately 35 kDa |

PROPERTIES

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| AA Sequence | <pre> I K G G L F A D I A S H P W Q A A I F A K H R R S P G E R F L C G G I L I S S C W I L S A A H C F Q E R F P P H H L T V I L G R T Y R V V P G E E E Q K F E V E K Y I V H K E F D D D T Y D N D I A L L Q L K S D S S R C A Q E S S V V R T V C L P P A D L Q L P D W T E C E L S G Y G K H E A L S P F Y S E R L K E A H V R L Y P S S R C T S Q H L L N R T V T D N M L C A G D T R S G G P Q A N L H D A C Q G D S G G P L V C L N D G R M T L V G I I S W G L G C G Q K D V P G V Y T K V T N Y L D W I R D N M R P </pre> |
| Biological Activity | Measured by its ability to cleave a peptide substrate, Z-Gly-Gly-Arg-AMC. Read at excitation and emission wavelengths of 380 nm and 460 nm (top read). The specific activity is 3403.37 pmol/min/μg, as measured under the described conditions. |
| Appearance | Lyophilized powder |
| Formulation | Lyophilized from a 0.2 μm filtered solution of 50 mM Tris, 10 mM NaCl, pH 7.5. |
| Endotoxin Level | <1 EU/μg, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose). |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA