

Human Thrombin Recombinant Protein



RPPB4954

Product Information Protein Information

Product SKU:

RPPB4954

Accession:

P00734

Host:

Escherichia Coli.

Protein description:

Thrombin Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 296 amino acids (328-622) and having a molecular mass of 33.9 kDa.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Coagulation Factor II (Thrombin), Prepro-Coagulation Factor II, EC 3.4.21.5, RPRGL2, THPH1, Coagulation Factor II, Prothrombin B-Chain, Serine Protease, Prothrombin, EC 3.4.21, PT, F2.

Formulation:

The Thrombin solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Purity:

Greater than 80.0% 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:

MTFGSGEADC GLRPLFEKKS LEDKTERELL ESYIDGRIVE GSDAEIGMSP WQVMLFRKSP QELLCGASLI
SDRWVLTAAH CLLYPPWDKN FTENDLLVRI GKHSRTRYER NIEKISMLEK IYIHPRYNWR ENLDRDIALM
KLKKPVAFSD YIHPVCLPDR ETAASLLQAG YKGRVTGWGN LKETWTANVG KGQPSVLQVV NLPIVERPVC
KDSTRIRITD NMFCAQYKPD EGKRGDACEG DSGGPFVMKS PFNNRWYQMG IVSWGEGCDR DGKYGFYTHV
FRLKKWIKV IDQFGE.