

Thrombin Human Recombinant, HEK

Item Number	rAP-2640
Synonyms	Prothrombin, EC 3.4.21.5, Coagulation factor II, F2, PT, THPH1, RPRGL2.
Description	Recombinant Human Thrombin produced in HEK cells, having a total molecular weight of 36kDa. The Thrombin is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P00734
Amino Acid Sequence	
Source	HEK
Physical Appearance and Stability	Sterile Filtered colorless solution. Store frozen at -20°C to -80°C for long periods of time. Avoid multiple freeze-thaw cycles.
Formulation and Purity	The Thrombin solution contains 20mM MES, pH6.0 and 500mM Choline Chloride.
Application	
Solubility	
Biological Activity	5396 NIH Units/mg. The activity was determined in NIH units by comparing to Sigma's human plasma thrombin. Protein concentration was measured using E(0.1%)@280nm = 1.83.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**