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## Product Datasheet

### Thrombin, alpha, FPRCK, Human (Biotin) USB-T4040-15

Article Name	Thrombin, alpha, FPRCK, Human (Biotin)
Biozol Catalog Number	USB-T4040-15
Supplier Catalog Number	T4040-15
Alternative Catalog Number	USB-T4040-15-100
Manufacturer	US Biological
Category	Molekularbiologie
Product Description	Alpha-thrombin is a highly specific serine protease generated by proteolytic activation of the zymogen prothrombin (1). During coagulation, thrombin cleaves fibrinogen to form fibrin, leading to the ultimate step in coagulation, the formation of a fi...
Molecular Weight	36700
Purity	Human thrombin is prepared from purified prothrombin using a modification of the Lundblad procedure (1) as described by Nesheim et al. (2). Purity is determined by SDS-PAGE analysis and activity is measured in a thrombin specific clotting assay, and compared to standardized NIH thrombin.
Form	Supplied as a liquid in 50% glycerol/H <sub>2</sub> O. Thrombin is also available with the active site blocked with either DFP, FPRck, or biotinlyated FPRck.