

## Recombinant Human Tissue factor(F3),partial

Catalog No: #AP76518



Package Size: #AP76518-1 20ug #AP76518-2 100ug #AP76518-3 1mg

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## Description

Product Name	Recombinant Human Tissue factor(F3),partial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:33-251aaSequence Info:Extracellular Domain
Other Names	Coagulation factor IIIThromboplastin; CD142
Accession No.	P13726
Uniprot	P13726
GeneID	2152;
Calculated MW	40.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	SGTTNTVAAYNLTWKSTNFKTILEWEPKPVNQVYTVQISTKSGDWKSKCFYTTDTECDLTDEIVKDKVKQTYLA RVFSYPAGNVESTGSAGEPLYENSPEFTPYLETNLGQPTIQSFEQVGTKVNVTVEDERTLVRRNNTFLSLRDV FGKDLIYTLYYWKSSSSGKKTAKTNTNEFLIDVDKGENYCFVQAVIPSRVNRKSTDSPVECMGQEKGEFRE
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Initiates blood coagulation by forming a complex with circulating factor VII or VIIa. The [TF:VIIa] complex activates factors IX or X by specific limited proteolysis. TF plays a role in normal hostasis by initiating the cell-surface assbly and propagation of the coagulation protease cascade.

## References

Human tissue factor cDNA sequence and chromosome localization of the gene.Scarpati E.M., Wen D., Broze G.J. Jr., Miletich J.P., Flandermeyer R.R., Siegel N.R., Sadler J.E.Biochemistry 26:5234-5238(1987)Research Topic:Cardiovascular

Note: This product is for in vitro research use only