

Native Human F2R Protein

Cat. No. F2R-27H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native human F2R protein without tag was isolated from human blood.
Species	Human
Source	Human Blood
Description	Thrombin is the last enzyme in the clotting cascade functioning to cleave fibrinogen to fibrin and potentiates the procoagulation process by activating factors V, VIII, XI, and XIII. Conversely, thrombin aids the anticoagulant process by activating protein C. Activated protein C inhibits activated factors V and VIII ultimately down-regulating further thrombin production. Thrombin is often used as a potent platelet activator in vitro. Platelet responses to thrombin are mediated through protease-activated receptors (PARs). Thrombin-mediated signaling regulates a diverse range of metabolic processes including activation of phospholipases in platelets, endothelial cells, and cardiac myocytes.
Molecular Mass	38 kDa
Stability	≥ 1 year
Storage	Store it at -80 centigrade
Storage Buffer	5 mM sodium citrate, pH 6.5, containing 0.01% PEG and 20 mM sodium chloride

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	F2R coagulation factor II thrombin receptor [Homo sapiens (human)]
Official Symbol	F2R
Synonyms	F2R; coagulation factor II thrombin receptor; TR; HTR; CF2R; PAR1; PAR-1; proteinase-activated receptor 1; protease-activated receptor 1
Gene ID	2149
mRNA Refseq	NM_001311313
Protein Refseq	NP_001298242
MIM	187930
UniProt ID	P25116

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