Recombinant Human F2R

Cat. No. F2R-31176TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 42-102 of Human Thrombin Receptor with an N terminal proprietary tag; Predicted MWt 32.34 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	61 amino acids
Description	Coagulation factor II receptor is a 7-transmembrane receptor involved in the regulation of thrombotic response.Proteolytic cleavage leads to the activation of the receptor.F2R is a G-protein coupled receptor family member.
Molecular Weight	32.340kDa inclusive of tags
Tissue specificity	Platelets and vascular endothelial cells.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	SFLLRNPNDKYEPFWEDEEKNESGLTEYRLVSINKSSPLQKQLPAFISEDASGYLTSSWLT
Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.

GENE INFORMATION

Gene Name	F2R coagulation factor II (thrombin) receptor [Homo sapiens]
Official Symbol	F2R
Synonyms	F2R; coagulation factor II (thrombin) receptor; proteinase-activated receptor 1; CF2R; PAR 1; PAR1; TR;
Gene ID	2149
mRNA Refseq	NM_001992
Protein Refseq	NP_001983
MIM	187930
Uniprot ID	P25116
Chromosome Location	5q13
Pathway	Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem;

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Function	G-protein alpha-subunit binding; G-protein beta-subunit binding; G-protein coupled receptor activity; G-protein coupled receptor activity; protein binding;

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