



Human F2RL2 peptide (DAG-P1054)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the protease-activated receptor (PAR) family which is a subfamily of the seven transmembrane G protein-coupled cell surface receptor family. The encoded protein acts as a cofactor in the thrombin-mediated cleavage and activation of the protease-activated receptor family member PAR4. The encoded protein plays an essential role in hemostasis and thrombosis. Alternate splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Feb 2012]
Specificity	Highest expression in the megakaryocytes of the bone marrow, lower in mature megakaryocytes, in platelets and in a variety of other tissues such as heart and gut.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	F2RL2 coagulation factor II (thrombin) receptor-like 2 [Homo sapiens (human)]
Official Symbol	F2RL2
Synonyms	F2RL2; coagulation factor II (thrombin) receptor-like 2; PAR3; PAR-3; proteinase-activated receptor 3; thrombin receptor-like 2; protease-activated receptor 3; proteinase-activated

receptor-3; Coagulation factor II receptor-like 2 (protease-activated receptor 3);

Entrez Gene ID	2151
mRNA Refseq	NM_001256566.1
Protein Refseq	NP_001243495.1
UniProt ID	O00254
Chromosome Location	5q13
Pathway	CDC42 signaling events, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Gastrin-CREB signalling pathway via PKC and MAPK, organism-specific biosystem; Hemostasis, organi
Function	phosphatidylinositol phospholipase C activity; protein binding; thrombin receptor activity;