

## Recombinant Human F2RL1 Protein

Cat. No. F2RL1-3614H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human F2RL1 full-length ORF (AAH12453.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	<p>This gene encodes a member of the G-protein coupled receptor 1 family of proteins. The encoded cell surface receptor is activated through proteolytic cleavage of its extracellular amino terminus, resulting in a new amino terminus that acts as a tethered ligand that binds to an extracellular loop domain. Activation of the receptor has been shown to stimulate vascular smooth muscle relaxation, dilate blood vessels, increase blood flow, and lower blood pressure. This protein is also important in the inflammatory response, as well as innate and adaptive immunity. [provided by RefSeq, Jun 2016]</p>
<b>Form</b>	Liquid
<b>Molecular Mass</b>	44.1 kDa
<b>AA Sequence</b>	<p>MRSPSAAWLLGAAILLAASLSCSGTIQGTNRSSKGRSLIGKVDGTSHVTGKGVTVET  VFSVDEFSASVLTGKLTTVFLPIVYTIVFVVGLPSNGMALWVFLFRTKKKHPAVIYMA  NLALADLLSVIWFPLKIAYHIHGNNWIYGEALCNVLIGFFYGNMYCSILFMTCLSVQRY  WVIVNPMGHSRKKANIAIGISLAIWLLILLVTIPLYVVKQTIFIPALNITTCHDVLPEQLLV  GDMFNYFLSLAIGVFLFPAFLTASAYVLMIRMLRSSAMDENSEKKRKRAIKLIVTVLAM  YLICFTPSNLLLVVHYFLIKSQGQSHVYALYIVALCLSTLNSCIDPFVYVYFVSHDFRDH</p>

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AKNALLCRSVRTVKQMQLVSLTSKKHSRKSSSYSSSSSTTVKTSY

**Applications**  
 Antibody Production  
 Functional Study  
 Compound Screening

**Usage**  
 Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

**Notes**  
 Best use within three months from the date of receipt of this protein.

**Storage**  
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**  
 25 mM Tris-HCl of pH 8.0 containing 2% glycerol.

## GENE INFORMATION

**Gene Name**  
 F2RL1 coagulation factor II (thrombin) receptor-like 1 [ Homo sapiens ]

**Official Symbol**  
 F2RL1

**Synonyms**  
 PAR2; GPR11; F2RL1; coagulation factor II (thrombin) receptor-like 1

**Gene ID**  
 2150

**mRNA Refseq**  
 NM\_005242

**Protein Refseq**  
 NP\_005233

**MIM**  
 600933

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UniProt ID

P55085

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