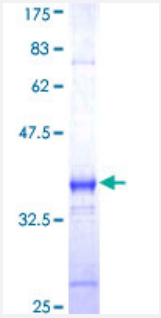
F2RL3 (Human) Recombinant Protein (Q01)

Catalog # H00009002-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human F2RL3 partial ORF (NP_003941, 18 a.a. - 82 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GGTQTPSVYDESGSTGGGDDSTPSILPAPRGYPGQVCANDSDTLELPDSSRALLLGWVPTRLVPA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.89
Interspecies Antigen Sequence	Mouse (60); Rat (57)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — F2RL3

Entrez GeneID	9002
GeneBank Accession#	NM_003950
Protein Accession#	NP_003941
Gene Name	F2RL3
Gene Alias	PAR4
Gene Description	coagulation factor II (thrombin) receptor-like 3
Omim ID	602779
Gene Ontology	Hyperlink
Gene Summary	Coagulation factor II (thrombin) receptor-like 3 (F2RL3) is a member of the large family of 7-trans membrane-region receptors that couple to guanosine-nucleotide-binding proteins. F2RL3 is also a member of the protease-activated receptor family. F2RL3 is activated by proteolytic cleavage o f its extracellular amino terminus. The new amino terminus functions as a tethered ligand and activ ates the receptor. F2RL3 is activated by thrombin and trypsin. [provided by RefSeq
Other Designations	protease-activated receptor-4|proteinase-activated receptor-4

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Asthma
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Kidney Failure