

Proteoliposomes

Full-Length

F2R (Human) Recombinant Protein

Catalog # H00002149-G01

Size 10 ug

Specification

Product Description

Human F2R full-length ORF (AAH02464.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MGPRRLLLVAACFSLCGPLLSARTRARRPESKATNATLDPRSFLLRNPNDKYEPFWEDEEKNES
GLTEYRLVSINKSSPLQKQLPAFISEDASGYLTSSWLTFLVPSVYTGVFVVSLLPLNIMAVFILKMK
VKKPAVVYMLHLATADVLFVSVLPFKISYYFSGSDWQFGSELCRFVTAAFYCNMYASILLMTVISID
RFLAVVYPMQSLSWRTLGRASFTCLAIWALAIAGVVPLLLKEQTIQVPLNITTCHDVLNETLLEGYY
AAYFSAFSAVFFFVPLIISTVCYVSIIRCLSSSAVANRSKKSRAFLSAAVFCIFICFGPTNVLLVHYS
FLSHTSTTEAAYFAYLLCVCVSSISCCIDPLIYYASSECQRYVYSILCCKESSDPSSYNSSGQLMA
SKMDTCSSNLNNSIYKLLT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

47.5

Form

Liquid

Preparation Method
[in vitro wheat germ expression system with proprietary liposome technology](#)
Purification

None

Recommend Usage

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

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

- Antibody Production

Gene Info — F2R

Entrez GeneID	2149
GeneBank Accession#	BC002464.2
Protein Accession#	AAH02464.1
Gene Name	F2R
Gene Alias	CF2R, HTR, PAR1, TR
Gene Description	coagulation factor II (thrombin) receptor
Omim ID	187930
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	coagulation factor II receptor protease-activated receptor 1 thrombin receptor

Publication Reference

- [Down-regulation of endothelial protein C receptor promotes preeclampsia by affecting actin polymerization.](#)

Wang H, Wang P, Liang X, Li W, Yang M, Ma J, Yue W, Fan S.

Journal of Cellular and Molecular Medicine 2020 Mar; 24(6):3370.

Application: Func, Recombinant protein

Pathway

- [Calcium signaling pathway](#)
- [Complement and coagulation cascades](#)
- [Endocytosis](#)
- [Neuroactive ligand-receptor interaction](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Myocardial Infarction](#)
- [Premature Birth](#)