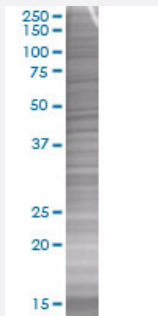


F3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002152-T01

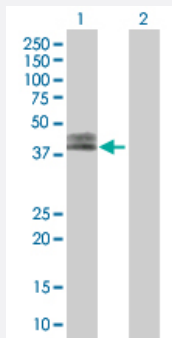
Size 100 uL

Applications



SDS-PAGE Gel

F3 transfected lysate



Western Blot

Lane 1: F3 transfected lysate (33.1 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-F3 full-length
Host	Human
Theoretical MW (kDa)	33.1
Interspecies Antigen Sequence	Mouse (55); Rat (55)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-F3 antibody ([H00002152-B01](#)) by Western Blots.
SDS-PAGE Gel
F3 transfected lysate
Western Blot
Lane 1: F3 transfected lysate (33.1 KDa).
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — F3

Entrez GeneID[2152](#)**GeneBank Accession#**[NM_001993](#)**Protein Accession#**[NP_001984](#)**Gene Name**

F3

Gene Alias

CD142, TF, TFA

Gene Description

coagulation factor III (thromboplastin, tissue factor)

Omim ID[134390](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes coagulation factor III which is a cell surface glycoprotein. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII. The resulting complex provides a catalytic event that is responsible for initiation of the coagulation protease cascades by specific limited proteolysis. Unlike the other cofactors of these protease cascades, which circulate as nonfunctional precursors, this factor is a potent initiator that is fully functional when expressed on cell surfaces. There are 3 distinct domains of this factor: extracellular, transmembrane, and cytoplasmic. This protein is the only one in the coagulation pathway for which a congenital deficiency has not been described. [provided by RefSeq]

Other Designations

OTTHUMP00000012426|coagulation factor III|tissue factor

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Acute Disease](#)
- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Chorioamnionitis](#)
- [Coronary Thrombosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhage](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Postoperative Complications](#)

- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Renal Insufficiency](#)
- [Stroke](#)
- [Thrombosis](#)
- [Vascular Diseases](#)
- [Werner syndrome](#)