Human F11R Knockdown Cell Lysate

Cat. No. F11R-163HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated F11R Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. The protein encoded by this immunoglobulin superfamily gene member is an important regulator of tight junction assembly in epithelia. In addition, the encoded protein can act as (1) a receptor for reovirus, (2) a ligand for the integrin LFA1, involved in leukocyte transmigration, and (3) a platelet receptor. Multiple 5' alternatively spliced variants, encoding the same protein, have been identified but their biological validity has not been established.
Form	Cell-Tissue Lysis buffer
Molecular Mass	33 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.

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Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg F11R KD HeLa cell lysate
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Cell adhesion molecules (CAMs), Epithelial cell signaling in Helicobacter pylori infection, Leukocyte transendothelial migration, Tight junction
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	F11R F11 receptor [Homo sapiens (human)]
Official Symbol	F11R
Synonyms	F11R; F11 receptor; JAM1, junctional adhesion molecule 1; junctional adhesion molecule A; CD321; JAM 1; JAM A; JAMA; JCAM; PAM 1; platelet F11 receptor; platelet adhesion molecule 1; junctional adhesion molecule 1; JAM; KAT; JAM1; PAM-1;
Gene ID	50848
mRNA Refseq	NM_016946
Protein Refseq	NP_058642

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MIM	605721
UniProt ID	Q9Y624

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