

Recombinant Human CD151 293 Cell Lysate

Cat. No. CD151-7684HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for CD151 molecule (Raph blood group) (CD151), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

CD151 CD151 molecule (Raph blood group) [Homo sapiens]

Official Symbol

CD151

Synonyms

CD151; CD151 molecule (Raph blood group); CD151 antigen , CD151 antigen (Raph blood group); CD151 antigen; PETA 3; RAPH; SFA 1; TSPAN24; tspan-24; tetraspanin-24; membrane glycoprotein SFA-1; CD151 antigen (Raph blood group); hemidesmosomal tetraspanin CD151; platelet surface glycoprotein gp27; platelet-endothelial tetraspan antigen 3; platelet-endothelial cell tetraspan antigen 3; GP27; MER2; SFA1; PETA-3;

Gene ID

977

mRNA Refseq

NM_001039490

Protein Refseq

NP_001034579

MIM

602243

UniProt ID

P48509

Chromosome Location

11p15.5

Pathway

Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Cell junction

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organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Type I hemidesmosome assembly, organism-specific biosystem;

Function

protein binding;

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