

Recombinant Human FERMT2 293 Cell Lysate

Cat. No. FERMT2-6262HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for fermitin family homolog 2 (Drosophila) (FERMT2), 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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name [FERMT2 fermitin family member 2 \[Homo sapiens \]](#)

Official Symbol FERMT2

Synonyms

FERMT2; fermitin family member 2; fermitin family homolog 2 (Drosophila) , pleckstrin homology domain containing, family C (with FERM domain) member 1 , PLEKHC1; fermitin family homolog 2; KIND2; kindlin 2; mig 2; UNC112B; kindlin-2; mitogen inducible gene 2 protein; mitogen-inducible gene 2 protein; PH domain-containing family C member 1; pleckstrin homology domain-containing family C member 1; pleckstrin homology domain containing, family C member 1; pleckstrin homology domain containing, family C (with FERM domain) member 1; MIG2; mig-2; UNC112; PLEKHC1; FLJ34213; FLJ44462; DKFZp686G11125;

Gene ID [10979](#)

mRNA Refseq [NM_001134999](#)

Protein Refseq [NP_001128471](#)

MIM [607746](#)

UniProt ID [Q96AC1](#)

Chromosome Location 14q22.1

Pathway Cell junction organization, organism-specific biosystem; Cell-Cell communication,

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organism-specific biosystem; Cell-extracellular matrix interactions, organism-specific biosystem;

Function

binding;

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