

Recombinant Human FRMPD4 293 Cell Lysate

Cat. No. FRMPD4-6135HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for FERM and PDZ domain containing 4 (FRMPD4) 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

FRMPD4 FERM and PDZ domain containing 4 [Homo sapiens]

Official Symbol

FRMPD4

Synonyms

FRMPD4; FERM and PDZ domain containing 4; PDZ domain containing 10 , PDZD10, PDZK10; FERM and PDZ domain-containing protein 4; KIAA0316; Preso; PDZ domain containing 10; PDZ domain-containing protein 10; PSD-95-interacting FERM and PDZ domain protein; PSD-95-interacting regulator of spine morphogenesis; PDZD10; PDZK10; MGC142260; MGC142262;

Gene ID

9758

mRNA Refseq

NM_014728

Protein Refseq

NP_055543

MIM

300838

UniProt ID

Q14CM0

Chromosome Location

Xp22.31

Function

lipid binding; phosphatidylinositol-4,5-bisphosphate binding; protein binding;

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