

Recombinant Human PVRL4 293 Cell Lysate

Cat. No. PVRL4-2657HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for poliovirus receptor-related 4 (PVRL4) 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 PVRL4 poliovirus receptor-related 4 [Homo sapiens]

Official Symbol PVRL4

Synonyms PVRL4; poliovirus receptor-related 4; poliovirus receptor-related protein 4; LNIR; nectin 4; PRR4; Ig superfamily receptor LNIR; EDSS1; nectin-4; DKFZp686K05193;

Gene ID 81607

mRNA Refseq NM_030916

Protein Refseq NP_112178

MIM 609607

UniProt ID Q96NY8

Chromosome Location 1q22-q23.2

Pathway

Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Adherens junctions interactions, organism-specific biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem; Nectin/Nectrans heterodimerization, organism-specific biosystem;

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Function

protein binding;

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