

Active Recombinant Human PVRL4 Protein, His-tagged

Cat. No. PVRL4-776H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PVRL4 (Accession # NP_112178) Gly27-Val351, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Gly27-Val351
Predicted N Terminal	Gly27
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of NIH-3T3 mouse embryonic fibroblast cells. When 5 x 10 ⁴ cells/well are added to recombinant human Nectin-4 coated plates (10 µg/mL with 100 µL/well), approximately 45% - 65% will adhere after 1 hour incubation at 37 °C. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human PVRL4, His-tagged has a calculated MW of 35.6 kDa. In SDS-PAGE migrates as 44 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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

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