

Active Recombinant Human PVRIG protein(Thr41-Leu172), hFc-tagged

Cat. No. PVRIG-522H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PVRIG (Q6DKI7-1) (Thr41-Leu172) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Thr41-Leu172
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Cyno Nectin-2 His at 2 µg/ml (100 µl/well) can bind Human PVRIG hFc, the EC50 of Human PVRIG hFc is 6-24 ng/mL.
Molecular Mass	The recombinant human PVRIG consists of 370 amino acids and predicts a molecular mass of 40.5 kDa. As a result of glycosylation, it migRates as an approximately 50.8 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PVRIG poliovirus receptor related immunoglobulin domain containing [Homo sapiens]

Official Symbol PVRIG

Synonyms PVRIG; poliovirus receptor related immunoglobulin domain containing; transmembrane protein PVRIG; C7orf15; MGC2463; poliovirus receptor-related immunoglobulin domain-containing protein; MGC104322; MGC138295; MGC138297;

Gene ID 79037

mRNA Refseq NM_024070

Protein Refseq NP_076975

UniProt ID Q6DKI7

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