

PVRIG Protein, Human, Recombinant (hFc & Avi), Biotinylated

General Information

Synonyms:	ALS2CR9;ALS2CR18;RalGDS/AF-6;PREL-2;LPD;C7orf15;PREL2;RMO1
Protein Construction:	A DNA sequence encoding the human PVRIG (Q6DKI7-1)(Thr41-Leu172) was expressed with a c-terminal AVI tagged Fc region of human IgG1 at the C-terminus (Fc-AVI). The expressed protein was biotinylated in vivo by the Biotin-Protein ligase (BirA enzyme) which is co-expressed. Predicted N terminal: Thr 41
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q6DKI7-1
Molecular Weight:	42.31 kDa (predicted); 58.43 kDa (reducing conditions)

QC Testing

Biological Activity:	Measured by its binding ability in a functional ELISA. Immobilized Human Nectin-2 hFc at 2 µg/mL (100 µL/well) can bind Human PVRIG (hFc & AVI Tag), Biotinylated, the EC50 of Human PVRIG (hFc & AVI Tag), Biotinylated is 40-220 ng/mL.
Purity:	> 90 % as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 µm filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

Preparation and Storage

Reconstitution:	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
Stability & Storage:	<p>It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.</p> <p><small>Actual storage temperature shall be subject to the COA.</small></p>
Shipping:	In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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