

Datasheet for ABIN7597234

PVRIG Protein (AA 53-150) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	PVRIG
Protein Characteristics:	AA 53-150
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PVRIG protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human PVRIG(53-150) Protein with C-terminal human Fc tag
Sequence:	PVRIG(Thr53-Leu150) hFc(Glu99-Ala330)
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	PVRIG
Alternative Name:	PVRIG (PVRIG Products)
Background:	CD112R, C7orf15 Enables phosphatase binding activity and signaling receptor activity. Involved in negative regulation of T cell receptor signaling pathway. Located in plasma membrane. [provided by Alliance of Genome Resources, Apr 2022]

Target Details

Molecular Weight: predicted molecular mass of 36.3 kDa after removal of the signal peptide. The apparent molecular mass of PVRIG(53-150)-hFc is 35-55 kDa due to glycosylation.

UniProt: [Q6DKI7](#)

Application Details

Application Notes: Extracellular Domain Proteins (ECD) can be used as:

- Immunogens for antibody drug development
- Reagents used for CAR-T positive cell monitoring
- Reagents for antibody screening and functional testing
- Reagents for antibody affinity measurement

Comment: The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months