

HUMAN PVRIG PROTEIN, HFC TAG

Cat.#: 11209

Product Name: Human PVRIG Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: C7orf15;CD112R

Target: PVRIG

UNIPROT ID: Q6DKI7

Description: Recombinant human PVRIG protein with C-terminal human Fc tag

Background: Cell surface receptor for NECTIN2. May act as a coinhibitory receptor that suppresses T-cell receptor-mediated signals. Following interaction with NECTIN2, inhibits T-cell proliferation. Competes with CD226 for NECTIN2-binding.[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 38.2 kDa after removal of the signal peptide. The apparent molecular mass of PVRIG-hFc is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: PVRIG(Met1-Thr25 Pro80-Ala170) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: 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.



Figure 1. Human PVRIG Protein, hFc Tag on SDS-PAGE under reducing condition.