

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.