

HUMAN PVRIG FULL LENGTH PROTEIN

Cat.#: 11022

Product Name: Human PVRIG Full Length Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: C7orf15; CD112R

Target: PVRIG

UNIPROT ID: Q6DKI7

Description: Human PVRIG full length protein-synthetic nanodisc

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.

Species/Host: HEK293

Molecular Weight: The human full length PVRIG protein has a MW of 34.3 kDa

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.

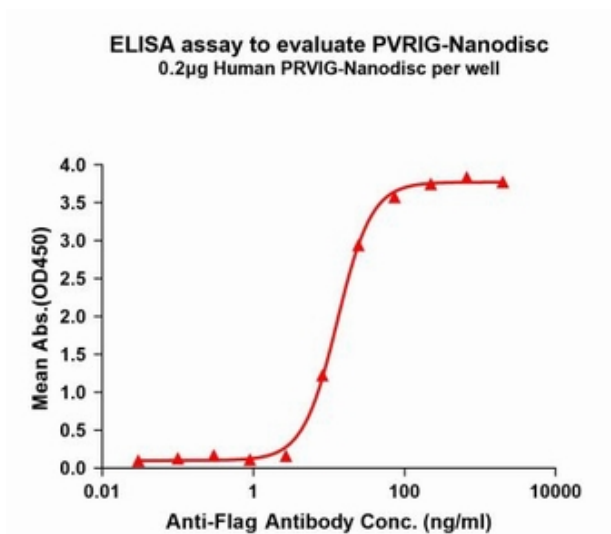


Figure1. Elisa plates were pre-coated with Flag Tag PVRIG-Nanodisc (0.2 µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with PVRIG-Nanodisc is 12.9ng/ml.

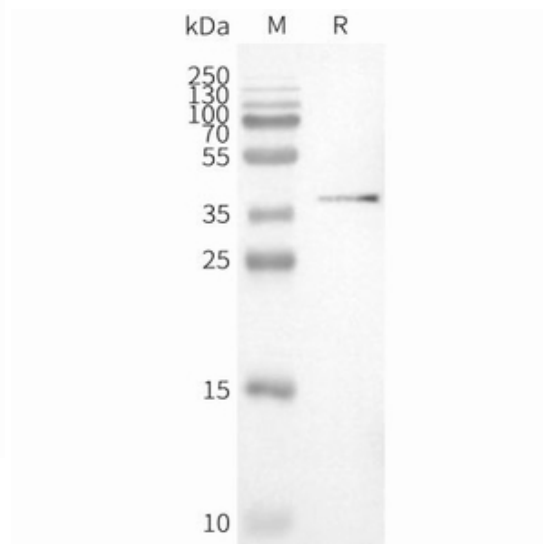


Figure2. WB analysis of Human PVRIG-Nanodisc with anti-Flag monoclonal antibody at 1/5000 dilution, followed by Goat Anti-Rabbit IgG HRP at 1/5000 dilution