

**PRODUCT INFORMATION**

<b>Target</b>	PVRIG
<b>Synonyms</b>	C7orf15; CD112R
<b>Description</b>	Human PVRIG full length protein-synthetic nanodisc
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q6DKI7
<b>Expression Host</b>	HEK293
<b>Protein Families</b>	Transmembrane
<b>Protein Pathways</b>	N/A
<b>Molecular Weight</b>	The human full length PVRIG protein has a MW of 34.3 kDa
<b>Formulation &amp; Reconstitution</b>	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. Please see Certificate of Analysis for specific instructions. Do not use solvents with pH lower than 6.5 in subsequent experiments.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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.
<b>Usage</b>	Research use only



**ELISA assay to evaluate PVRIG-Nanodisc**  
0.2 $\mu$ g Human PVRIG-Nanodisc per well

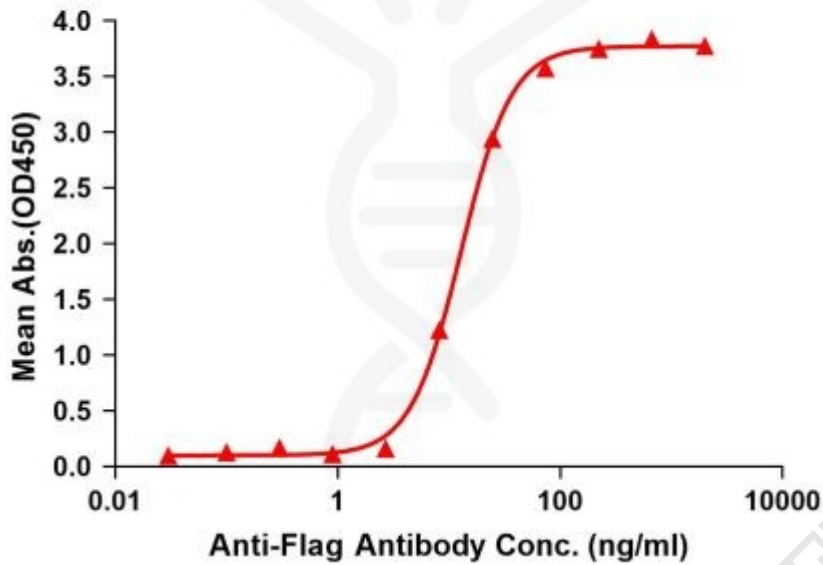


Figure1. Elisa plates were pre-coated with Flag Tag PVRIG-Nanodisc (0.2 $\mu$ g/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with PVRIG-Nanodisc is 12.91ng/ml.

kDa M R

250  
130  
100  
70  
55  
35  
25  
15  
10



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

