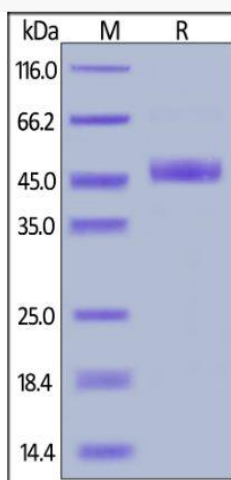
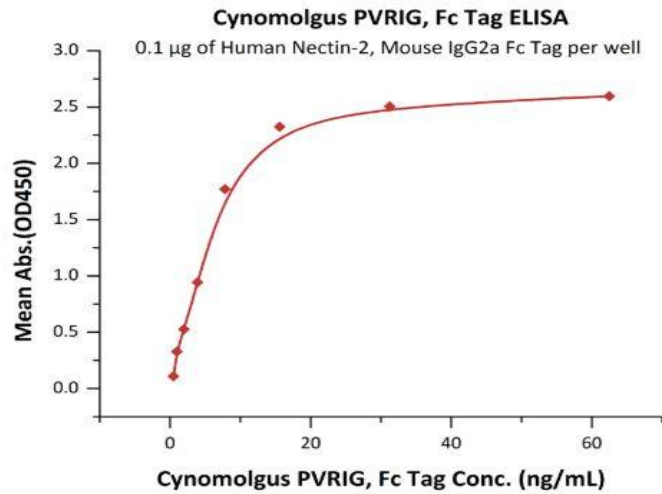


Human CellExp™ PVRIG, Fc Tag, Cynomolgus recombinant

CATALOG NO:	P1423-10 10 µg P1423-50 50 µg
ALTERNATE NAMES:	C7orf15, CD112R, C7orf15MGC138295, MGC104322, MGC138297, MGC2463, Poliovirus receptor-related immunoglobulin domain-containing protein, transmembrane protein PVRIG
MOL. WT.	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 40.1 kDa. The protein migrates as 45-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
SOURCE:	HEK 293 Cells
PURITY:	>95% SDS-PAGE
ENDOTOXIN:	Less than 1.0 EU per µg by the LAL method.
FORM:	Lyophilized powder
FORMULATION:	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
RECONSTITUTION:	Reconstitute in sterile deionized water to the desired protein concentration.
SPECIFIC ACTIVITY:	Immobilized Human Nectin-2, Mouse IgG2a Fc Tag at 1 µg/ml (100 µl/well) can bind Cynomolgus PVRIG, Fc Tag with a linear range of 0.5-8 ng/ml.
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -70°C and use within 3 months. Avoid repeated freezing and thawing cycles. -20°C
DESCRIPTION:	Human PVRIG (poliovirus receptor related immunoglobulin domain-containing protein), also known as CD112 receptor (CD112R), is an approximately 34 kDa single transmembrane protein in the poliovirus receptor-like protein (PVR) family. The CD112R gene encodes a putative single transmembrane protein, which is composed of a single extracellular IgV domain, one transmembrane domain, and a long intracellular domain. Notably, the intracellular domain of phatases. The extracellular domain sequence of human and mouse CD112R have 65.3% similarity. CD112R may act as a coinhibitory receptor that suppresses T-cell receptor-mediated signals.
AMINO ACID SEQUENCE:	AA Thr 41 - Asp 171



Cynomolgus PVRIG, Fc Tag on SDS-PAGE under reducing (R) condition.



Immobilized Human Nectin-2, Mouse IgG2a Fc Tag at 1 µg/ml (100 µl/well) can bind Cynomolgus PVRIG, Fc Tag with a linear range of 0.5-8 ng/ml.

RELATED PRODUCTS:

- Human CellExp™ CD111 / Nectin-1 / PVRL1, human recombinant (Cat# 7379)
- Human CellExp™ Nectin-4, Human Recombinant (Cat# P1389)
- Nectin-3/CD113 Antibody (Cat# 3821)
- Human CellExp™ Nectin-2 / CD112, Human Recombinant (Cat# P1371)
- Anti-PVR/CD155 Antibody (Cat# A1071)
- CD226 (Human) ELISA Kit (Cat# E4544)
- Human CellExp™ PVRIG, Fc Tag, Mouse recombinant (Cat# P1419)

FOR RESEARCH USE ONLY! Not to be used on humans.