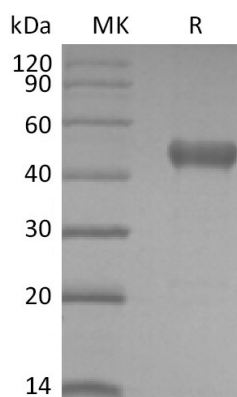


Recombinant Human PVRIG (C-mFc)(Cat.No.:C08Y)

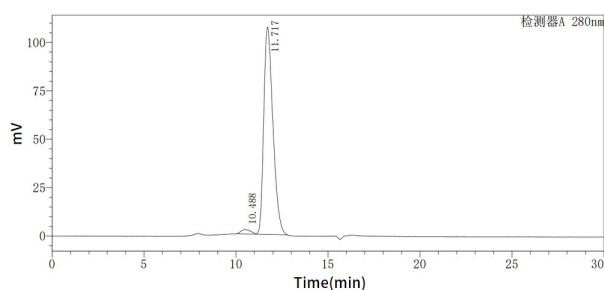
Source:	Human Cells
Description:	Recombinant Human Transmembrane Protein PVRIG is produced by our Mammalian expression system and the target gene encoding Thr41-Asp171 is expressed with a mouse IgG1 Fc tag at the C-terminus.
Accession:	Q6DKI7
Known As:	C7orf15; CD112R; PVRIG; transmembrane protein PVRIG; C7orf15MGC138295; MGC104322; MGC138297; MGC2463
Predicted Mol Mass:	40.1 kDa
Apparent Mol Mass:	45-55 kDa, reducing conditions
Endotoxin:	< 1 EU/μg as determined by LAL test.
Formulation:	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage:	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Background:	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 extracellular domain sequence of human and mouse PVRIG have approximately 65% similarity. PVRIG functions as a cell surface receptor for Nectin-2/CD112, a cell surface protein that is widely expressed on antigen-presenting cells and tumor cells. Disrupting the PVRIG/Nectin-2 interaction enhances human T cell response, suggesting PVRIG is a novel checkpoint for human T cells. PVRIG may act as a coinhibitory receptor that suppresses T-cell receptor-mediated signals.
Purity-SDS-PAGE:	

Version 26.2.3



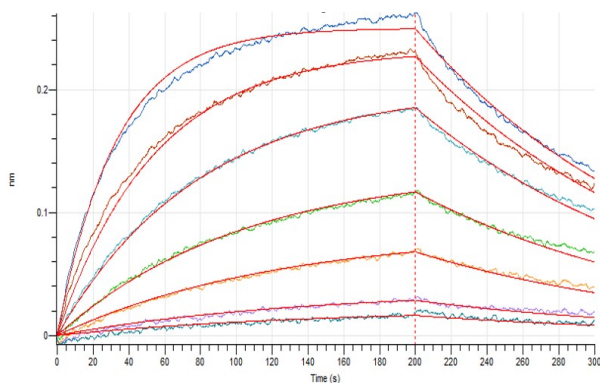
Greater than 95% as determined by reducing SDS-PAGE. (QC verified)

Purity-SEC-HPLC:



Greater than 95% as determined by SEC-HPLC. (QC verified)

Bioactivity-BLI:



Loaded Biotinylated Human Nectin-2-His(Cat#CY73) on His Biosensor, can bind Human PVRIG(Cat#C08Y) with an affinity constant of 84.68 nM as determined in BLI assay. (Regularly tested)