

## Product datasheet for **TP726723**

### PVRIG Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human PVRIG (C-mFc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Thr41-Asp171
Tag:	C-mFc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Recombinant Human Transmembrane Protein PVRIG is produced by our Mammalian expression system and the target gene encoding Thr41-Asp171 is expressed with a mFc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	79037
UniProt ID:	<a href="#">Q6DKI7</a>
Summary:	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.



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