

Product datasheet for **TP726736**

PVRIG Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant Human PVRIG (C-Fc) |
| Species: | Human |
| Expression cDNA Clone or AA Sequence: | Thr41-Asp171 |
| Tag: | C-Fc |
| 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 Fc tag at the C-terminus. |
| Stability: | 12 months from date of despatch |
| Locus ID: | 79037 |
| UniProt ID: | Q6DKI7 |
| 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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