

## Product datasheet for **TP728076**

### PVRIG Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Biotinylated Human PVRIG (C-Fc-Avi)   |
| Species:                              | Human   |
| Expression cDNA Clone or AA Sequence: | Thr41-Asp171  |
| Tag:                                  | C-Fc-Avi  |
| Buffer:                               | Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.  |
| Note:                                 | Biotinylated Recombinant Human Transmembrane Protein PVRIG is produced by our Mammalian expression system and the target gene encoding Thr41-Asp171 is expressed with a Fc, Avi 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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