

## Recombinant Human PVRIG protein, His-Avi-tagged

**Cat. No.** PVRIG-617H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human PVRIG Protein is expressed from mammalian with His and Avi Tag at the C-terminal. It contains Thr41-Asp171.                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Thr41-Asp171                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | 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. PVRIG is a cell surface receptor for NECTIN2. May act as a coinhibitory receptor that suppresses T-cell receptor-mediated signals. Following interaction with NECTIN2, inhibits T-cell proliferation. Competes with CD226 for NECTIN2-binding. |
| <b>Form</b>             | Supplied as 0.22um filtered solution in PBS (pH 7.4).                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 16.3KDa.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Endotoxin</b>        | Less than 1EU per ug by the LAL method.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>          | The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                       |

### GENE INFORMATION

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|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PVRIG PVR related immunoglobulin domain containing [ Homo sapiens (human) ]                                                                                                                                                              |
| <b>Official Symbol</b> | PVRIG                                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | C7orf15; C7orf15MGC138295; CD112R; MGC104322; MGC138297; MGC2463; poliovirus receptor related immunoglobulin domain containing; Poliovirus receptor-related immunoglobulin domain-containing protein; PVRIG; transmembrane protein PVRIG |
| <b>Gene ID</b>         | 79037                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_024070.3                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>  | NP_076975.2                                                                                                                                                                                                                              |
| <b>MIM</b>             | 617012                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>      | Q6DKI7                                                                                                                                                                                                                                   |

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