

# Recombinant Rhesus macaque PVR protein, His-tagged

**Cat. No.** PVR-3116C    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rhesus macaque PVR protein(Q0MSE6-1)(Asp28-Asn343), fused with C-terminal His tag, was expressed in HEK293.                                                     |
| <b>Species</b>          | Rhesus macaque                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                      |
| <b>ProteinLength</b>    | Asp28-Asn343                                                                                                                                                                |
| <b>Tag</b>              | C-His                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.                                              |
| <b>Bio-activity</b>     | Immobilized Rhesus macaque CD155, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human TIGIT, hFc Tag with the EC50 of 67.6ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 35.5 kDa. Due to glycosylation, the protein migrates to 46-60 kDa based on Tris-Bis PAGE result.                                          |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                     |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC                                                                                                           |

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|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.                    |
| <b>Reconstitution</b> | Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| <b>Tris-Bis PAGE</b>  |                                                                                                                                                             |
| <b>ELISA Data</b>     |                                                                                                                                                             |

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