

## Recombinant Rhesus CD40LG protein, hFc-tagged

**Cat. No.** CD40LG-797R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rhesus CD40LG protein (EHH31125.1) (Met113-Leu261) was expressed in HEK293, fused with the Fc region of human IgG1 at the N-terminus.                                                                                                 |
| <b>Species</b>          | Rhesus macaque                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Met113-Leu261                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                 |
| <b>Molecular Mass</b>   | The recombinant rhesus CD40LG comprises 409 amino acids and has a calculated molecular mass of 44.7 KDa.                                                                                                                                          |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                    |
| <b>Purity</b>           | > 85 % as determined by SDS-PAGE                                                                                                                                                                                                                  |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended to reconstitute the lyophilized powder in sterile water to 100-200                                                                                                                                                              |

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ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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