

Product Information

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|---------------------|------------|--------------------|-------|--------------|-------|
| Product SKU: | RPCB0686 | Gene ID: | 959 | Size: | 100µg |
| Tag: | N-His&Flag | Reactivity: | Human | | |

Additional Information

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|-------------------------|-----------------------------------|-------------------|--------|
| Expression Host: | HEK293 cells | Swissprot: | P29965 |
| Purity: | > 95% by SDS-PAGE ; > 95% by HPLC | | |

Protein Information

Background: CD40 ligand or CD40L, also called CD154, is a protein that is primarily expressed on activated T cells and is a member of the TNF superfamily of molecules. It binds to CD40 (protein) on antigen-presenting cells (APC), which leads to many effects depending on the target cell type. In total CD40L has three binding partners: CD40, $\alpha 5\beta 1$ integrin and $\alpha 11\beta 3$. CD154 acts as a costimulatory molecule and is particularly important on a subset of T cells called T follicular helper cells.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human CD40 Ligand/TNFSF5 Trimer Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 1 EU/µg of the protein by LAL method

Formulation: Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.