

Biotinylated Recombinant Human TNFSF5/CD40 Ligand/CD154 Trimer Protein (Primary Amine Labeling)



RPCB0645

Product Information

Product SKU: RPCB0645 **Gene ID:** 959 **Size:** 100µg
Tag: N-His&Flag **Reactivity:** Human

Additional Information

Expression Host: - **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 Biotinylated Recombinant Human TNFSF5/CD40 Ligand/CD154 Trimer Protein (Primary Amine Labeling), 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.

Contact Details | Dublin, Ireland

Email: techsupport@assaygenie.com | Web: www.assaygenie.com

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