

Human CD40L/CD154 Trimer Protein

HA210233



Product name:	Human CD40L/CD154 Trimer Protein
Catalog No.:	HA210233
Purity:	> 95% as determined by Bis-Tris PAGE. > 95% as determined by HPLC.
Endotoxin:	Less than 0.001 EU per ug by the LAL method.
Formulation:	Supplied as 0.22um filtered solution in PBS (pH 7.4).

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..

Source: Human CD40L/CD154 is expressed from mammalian with a monomeric Fc tag at the N-terminal. It contains M113-L261 Trimer design.

Tag: N-monomeric hFc

Storage: The product should be stored at -70°C . Please do not repeated freeze-thaw cycles.

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Images

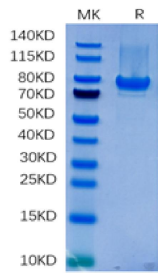


Fig1: Recombinant Human CD40L on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

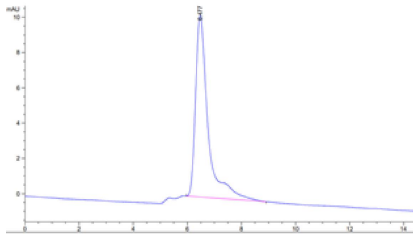


Fig2: The purity of Human CD40L (Cat. CDL-HM240) is greater than 95% as determined by SEC-HPLC

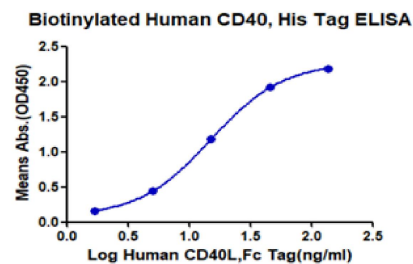


Fig3: Immobilized Biotinylated Human CD40 at 1ug/ml (100ul/Well) on streptavidin precoated (0.2ug/well) plate. Dose response curve for Human CD40L (Cat. CDL-HM240) with the EC50 of 15ng/ml determined by ELISA.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".