

Human CD40L / CD154 protein, DDDDK tag (active, multimeric)

Cat. No. GTX65635-pro

Applications Functional Assay**Species** Human**Package**

10 µg

PRODUCT

Summary

Multimeric Proteins are high activity constructs in which two trimeric TNFSF ligands are linked via the oligomeric collagen domain of ACRP30 [ACRP30headless] and therefore mimic the membrane-bound forms of the proteins.

Applications

Application Note

Induces B cells activation (as demonstrated by dose-dependent upregulation of CD86) (ED₅₀: <1ng/ml).

Product Note

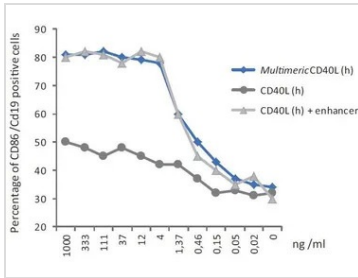
Binds to human CD40.

Properties

Form Lyophilized powder**Buffer** Reconstitute with 100µl ddH₂O to 0.1mg/ml. Lyophilized from 0.2µm-filtered PBS.**Preservative** No preservatives**Storage** Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.**Region/Sequence** N-terminal DDDDK-Tag; Human CD40L (a.a.116-261) is fused at the N-terminus to mouse ACRP30headless (a.a.18-111).**Expression System** CHO cells**Purity** ??95% by SDS-PAGE.**Endotoxin** < 0.01 EU/µg**Conjugation** Unconjugated**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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DATA IMAGES



GTX65635-pro Image

GTX65635-pro CD40L protein (multimeric) does not need an enhancer to induce B cells activation. Method: PBL cells were incubated in 96-well plates (2×10^5 cells/well in 100µl RPMI supplemented with 10% FCS) for 24 hours at 37°C with the indicated concentration of CD40L (multimeric) or CD40L in the presence and absence of 1µg/ml Enhancer. Cells were washed with PBS and stained with CD86-PE antibody and CD19-FITC antibody, and then analyzed by flow cytometry.



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