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Datasheet for ABIN666635

## CD40 Ligand Protein (CD40LG) (AA 113-261) (His tag)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	CD40 Ligand (CD40LG)
Protein Characteristics:	AA 113-261
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD40 Ligand protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Characteristics:	CD40LG, 113-261aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

#### Target Details

Target:	CD40 Ligand (CD40LG)
Alternative Name:	CD40LG ( <a href="#">CD40LG Products</a> )
Background:	CD40 ligand, also known as CD40LG, is a member of the TNF superfamily and is expressed on activated T cells. CD40LG is expressed as a soluble cytokine as well as a homotrimeric type II transmembrane protein. It has been reported to be important for B cell costimulation following binding of its receptor, CD40. Mutations in the gene encoding for CD154 are implicated in hyper-IgM immunodeficiency syndrome type 1. Recombinant human CD40LG protein, fused to

## Target Details

His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: CD40 ligand, CD154, CD40L, gp39, hCD40L, HIGM1, IGM, IMD3, T-BAM, TNFSF5, TRAP. NCBI no.: NP\_000065

Molecular Weight: 18.3 kDa (169aa), confirmed by MALDI-TOF

Pathways: [NF-kappaB Signaling](#), [Production of Molecular Mediator of Immune Response](#), [Cancer Immune Checkpoints](#)

## Application Details

Restrictions: For Research Use only

## Handling

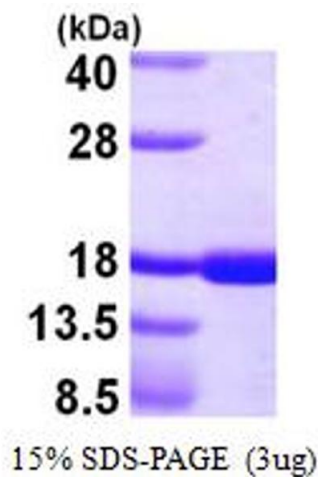
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 40% glycerol, 0.2M NaCl

Storage: 4 °C

## Images



### SDS-PAGE

Image 1.