

sCD40L Human, soluble CD40 Ligand/TRAP Human Recombinant Protein, His Tag

Catalog Number: PROTP29965-1

Introduction

CD40L or CD154 is a membrane glycoprotein and differentiation antigen expressed on the surface of T-cells. The CD40 ligand stimulates B-cell proliferation and secretion of all immunoglobulin isotypes in the presence of cytokines. CD40 ligand has been shown to induce cytokine production and tumoricidal activity in peripheral blood monocytes. It also costimulates proliferation of activated T-cells and this is accompanied by the production of IFN-gamma, TNF-alpha, and IL2.

Overview

Product Name	sCD40L Human, soluble CD40 Ligand/TRAP Human Recombinant Protein, His Tag
Description	CD40LG Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 169 amino acids (113-261 a.a.) and having a molecular mass of 18.3kDa. The CD40LG is purified by proprietary chromatographic techniques.
Size	5ug, 20ug, 1mg
Tag	
Form	Sterile Filtered clear solution.
Source	E. Coli
Formulation	The CD40LG solution (0.5mg/ml) 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 40% glycerol and 0.2M NaCl.

Concentration

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino Acid Sequence

MGSSHHHHHH SSGLVPRGSH MQKGDQNPQI AAHVISEASS KTTSVLQWAE KGYTMSNNL VTLENGKQLT VKRQGLYYIY AQTFCNRE
ASSQAPFIAS LCLKSPGRFE RILLRAANTH SSAKPCGQQS IHLGGVFELQ PGASVFNVT DPSQVSHGTG FTSFGLLKL.

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Usage

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