

Soluble CD40Ligand/TRAP, murine recombinant

CATALOG #:	4015-25	25 µg
	4015-100	100 µg
	4015-500	500 µg
	4015-1000	1 mg
SOURCE:	<i>E. coli</i>	
PURITY:	>98% by SDS-PAGE and HPLC analysis Endotoxin level is <0.1 ng per µg of sCD40L/TRAP	
MOL. WEIGHT:	16.4 kDa	
FORM:	Sterile filtered and then lyophilized from 10 mM Sodium Phosphate, pH 7.5 + 0.1 M Arginine.	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers or stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

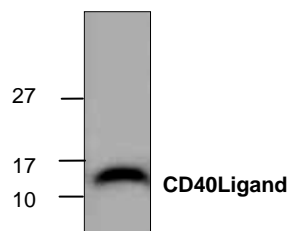
The lyophilized sCD40L/TRAP is best-stored desiccated below 0°C. Reconstituted sCD40L/TRAP should be stored at working aliquots at -20°C.

DESCRIPTION:

CD40 Ligand (CD40L/TRAP) is a type II transmembrane glycoprotein belonging to the TNF superfamily of ligands. Naturally, CD40L is a membrane-bound protein, but proteolytically cleaved 15-18 kDa soluble forms of CD40L are also fully active. CD40L plays an important role in the proliferation and differentiation of B-cells, and is critical for immunoglobulin (Ig) class switching. Recombinant murine CD40 Ligand is a soluble 18 kDa protein containing 149 amino acid residues comprising the receptor binding TNF-like domain of CDE40L.

BIOLOGICAL ACTIVITY:

Determined by its ability to induce TNF- α and MIP-1 α production by murine splenocytes. The expected ED₅₀ for this effect is <0.1 µg/ml.



Cat. #: 4015
Purity of recombinant murine CD40 Ligand/TRAP (2 µg) was analyzed by reduced SDS-PAGE electrophoresis.

FOR RESEARCH USE ONLY! Not to be used on humans.

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- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
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- Nuclear/Cytosol Fractionation Kit
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- Mammalian Cell Extraction Kit
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