

Recombinant Rhesus monkey CD40LG protein, His-tagged

Cat. No. CD40LG-791R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus monkey CD40LG aa. (Asn180~Leu261) fused with N-terminal His tag was produced in E. coli cells.
Species	Rhesus macaque
Source	E.coli
ProteinLength	Asn180~Leu261
Form	Freeze-dried powder
Molecular Mass	17kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>92%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	CD40LG CD40 ligand [<i>Macaca mulatta</i> (Rhesus monkey)]
Official Symbol	CD40LG
Synonyms	CD40L; CD154 protein; CD40 ligand (TNF superfamily, member 5, hyper-IgM syndrome); CD40-L; tumor necrosis factor ligand superfamily member 5; CD40 ligand
Gene ID	574160
mRNA Refseq	NM_001032839.1
Protein Refseq	NP_001028011.1
UniProt ID	P63304

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