

Recombinant Pig CD40LG protein, His-tagged

Cat. No. CD40LG-788P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig CD40LG aa. (Phe111~Leu261 (Accession # Q95MQ5)) fused with N-terminal His tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Phe111~Leu261
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.5.
Applications	SDS-PAGE; WB; ELISA; IP.
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.
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Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
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Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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GENE INFORMATION

Gene Name	CD40LG CD40 ligand [<i>Sus scrofa</i> (pig)]
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Official Symbol	CD40LG
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Synonyms	CD40L; TNFSF5; CD40 ligand (TNF superfamily, member 5, hyper-IgM syndrome); CD40-L; tumor necrosis factor (ligand) superfamily, member 5; CD40 ligand
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Gene ID	397231
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mRNA Refseq	NM_214126.1
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Protein Refseq	NP_999291.1
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UniProt ID	Q95MQ5
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