

## Recombinant Chicken CD40LG

**Cat. No.** CD40LG-108C    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Chicken CD40LG was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
<b>Species</b>	Chicken
<b>Source</b>	Yeast
<b>Description</b>	CD40 Ligand (CD40LG) is a transmembrane protein that is a member of the TNF superfamily. In addition to existing in a membrane bound form, CD40LG can also be released as a soluble molecule (sCD40LG), which has been shown to have biological functions.
<b>Form</b>	Lyophilized without carrier protein.
<b>Molecular Mass</b>	Chicken CD40LG has a predicted molecular weight of 18.2 kDa.
<b>AA Sequence</b>	MHRGHEHPHL KSRNETSVAE EKRPQIATHL AGVKSNTTVR VLKWMTTSYA PTSSLISYHE GCLKVEKAGL YYIYSQVSFC TKAAASAPFT LYIYLYLPME EDRLLMKGLD THSTSTALCE LQSIREGGVF ELRQGDMVFV NVTDSTAVNV NPGNTYFGMF KL
<b>Purity</b>	>95% as visualized by SDS-PAGE analysis.
<b>Applications</b>	The CD40LG protein can be used in cell culture, as an ELISA Standard, and as a Western Blot Control.

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**Storage**

Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

**Reconstitution**

Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.

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