Recombinant Canine CD40LG

Cat. No. CD40LG-107C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Canine CD40LG was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Canine
Source	Yeast
Description	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.
Form	Lyophilized without carrier protein.
Molecular Mass	Canine CD40LG has a predicted molecular weight of 15.8 kDa.
AA Sequence	MQKGDQDPRI AAHVISEASS NPASVLRWAP KGYYTISSNL VSLENGKQLA VKRQGLYYVY AQVTFCSNRA ASSQAPFVAS LCLHSPSGTE RVLLRAASSR GSSKPCGQQS IHLGGVFELH PGASVFVNVT DPSQVSHGTG FTSFGLLKL
Purity	>95% as visualized by SDS-PAGE analysis.
Applications	The CD40LG protein can be used in cell culture, as an ELISA Standard, and as a Western Blot Control.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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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