

## Recombinant Canine CD40LG

Cat. No. CD40LG-166C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	A DNA sequence encoding the canine CD40LG (O97626) (Met112-Leu260) was expressed with two additional amino acids (Gly & Pro) at the N-terminus.
<b>Species</b>	Canine
<b>Source</b>	Human Cells
<b>ProteinLength</b>	Met112-Leu260
<b>Form</b>	Lyophilized from sterile PBS, pH7.4.
<b>Molecular Mass</b>	The recombinant canine CD40LG comprises 151 amino acids and has a predicted molecular mass of 16 kDa. The apparent molecular mass of the protein is approximately 19 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C
<b>Storage</b>	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Hardcopy of COA with reconstitution instruction is sent along with the products.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

<b>Gene Name</b>	CD40LG CD40 ligand [ <i>Canis lupus familiaris</i> ]
<b>Official Symbol</b>	CD40LG
<b>Synonyms</b>	CD40LG; CD40 ligand; CD40-L; tumor necrosis factor ligand superfamily member 5; tumor necrosis factor (ligand) superfamily, member 5; CD40 ligand (TNF superfamily, member 5, hyper-IgM syndrome); CD154; TNFSF5;
<b>Gene ID</b>	403468
<b>mRNA Refseq</b>	NM_001002981
<b>Protein Refseq</b>	NP_001002981
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Asthma, organism-specific biosystem; Asthma, conserved biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA