

Recombinant Swine CD40LG

Cat. No. CD40LG-102S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Swine CD40LG was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Pig
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	Swine CD40LG has a predicted molecular weight of 16.0 kDa.
AA Sequence	MHKGDQDPQI AAHVISEASS KTASVLQWAP KGYTTLSTNL VTLENGRQLA VKRQGIYYIY AQVTFCNDR AAGQAPFIAS LCLRSPSGSE RILLRAANTH SSSKPCGQQS IHLGGVFELQ PGASVFNVT 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.

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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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