Active Recombinant Canine TNFRSF4 Protein, Fc-tagged

Cat. No. TNFRSF4-11131C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Canine OX40 Protein, Fc Tag is expressed from human 293 cells (HEK293). It contains AA Glu 29 - Gln 215 (Accession # XP_038520220.1). This protein carries a human IgG1 Fc tag at the C-terminus.
Species	Canine
Source	HEK293
ProteinLength	29-215 aa
Description	Tumor necrosis factor receptor superfamily member 4 (TNFRSF4) is also known as ACT35 antigen, OX40L receptor, TAX transcriptionally-activated glycoprotein 1 receptor, CD antigen CD134, OX40. OX40/TNFRSF4 contains four TNFR-Cys repeats. TNFRSF4 is receptor for TNFSF4/OX40L/GP34 and can interacts with TRAF2, TRAF3 and TRAF5.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Canine OX40 Ligand Protein, His Tag at 5 μg/mL (100 μL/well) can bind Canine OX40 Protein, Fc Tag with a linear range of 0.1-4 ng/mL.
Molecular Mass	The protein has a calculated MW of 47.2 kDa. The protein migrates as 55-65 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.

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Endotoxin	Less than 0.1 EU/μg by the LAL method/rFC method.
Purity	>90% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	This product is stable after storage at: -20 to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 μg/μL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TNFRSF4 tumor necrosis factor receptor superfamily, member 4 [Canis lupus familiaris]
Official Symbol	Tnfrsf4
Synonyms	TNFRSF4; tumor necrosis factor receptor superfamily, member 4; tumor necrosis factor receptor superfamily member 4;
Gene ID	489600
mRNA Refseq	XM_038664292
Protein Refseq	XP_038520220

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