Recombinant Canine TNFRSF9 Protein, His-tagged, Alexa Fluor 647 conjugated

Cat. No. TNFRSF9-257CAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant Canine TNFRSF9 (XP_850336.1) (Met1-Ser185), fused with a C-terminal polyhistidine tag, was produced in Human Cells.
Species	Dog
Source	HEK293
ProteinLength	173
Form	Lyophilized
Molecular Mass	The recombinant canine TNFRSF9 comprises 173 amino acids and has a predicted molecular mass of 18.4 kDa. The apparent molecular mass of the protein is approximately 28-34 kDa in SDS-PAGE under reducing conditions due to glycosylation.
N-terminal Sequence Analysis	Ile 24
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer

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	Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 647

GENE INFORMATION

Gene Name	TNFRSF9 tumor necrosis factor receptor superfamily, member 9 [Canis lupus familiaris (dog)]
Official Symbol	TNFRSF9
Gene ID	608274
mRNA Refseq	XM_845243
Protein Refseq	XP_850336

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