Recombinant Canine EGFR Protein, His-tagged, Alexa Fluor 555 conjugated

Cat. No. EGFR-168CAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine EGFR Protein (XP_533073.3, 1-618aa), was expressed in Insect Cells with C-terminal His tag and Alexa Fluor 555 conjugate.
Species	Dog
Source	Insect Cells
ProteinLength	1-618 aa
Form	Lyophilized
Molecular Mass	The recombinant canine EGFR comprises 629 amino acids and has a predicted molecular mass of 69.8 kDa. The apparent molecular mass of the protein is approximately 87.2 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH7.4.
Conjugation	Alexa Fluor 555

GENE INFORMATION

Gene Name	EGFR epidermal growth factor receptor [Canis lupus familiaris]
Official Symbol	EGFR
Synonyms	EGFR; epidermal growth factor receptor; epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian);
Gene ID	404306

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