

Active Recombinant Canine EGFR protein(Met1-Ser618), His-tagged

Cat. No. EGFR-168C **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.
Species	Canine
Source	Insect Cells
ProteinLength	1-618 aa
similar	EGFR
Alias	EGFR
Conjugate	C-His
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	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.

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Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. 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 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	
GeneNameWeblink	
OfficialSymbol	EGFR
OfficialSymbolWeblink	
GeneID	
GeneIDWeblink	
mRNARefseq	
mRNARefseqWeblink	
ProteinRefseqWeblink	
MIMWeblink	
UniProtID	
UniProtIDWeblink	

GENE INFORMATION

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Synonyms

MIM

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