

## Active Recombinant Canine EGF protein(Asn973-Arg1024), His-tagged

Cat. No. EGF-362C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Canine EGF (Q9BEA0) (Asn 973-Arg 1024) was expressed in E. coli fused with a polyhistidine tag at the N-terminus.
<b>Species</b>	Canine
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asn973-Arg1024
<b>Form</b>	Lyophilized from sterile PBS, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured in a cell proliferation assay using Balb 3T3 mouse embryonic fibroblasts. The EC50 for this effect is typically 0.5-3 ng/ml.
<b>Molecular Mass</b>	The recombinant Canine EGF consists of 68 amino acids and has a calculated molecular mass of 8.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of Canine EGF is approximately 12 kDa.
<b>Purity</b>	> 98 % as determined by SDS-PAGE
<b>Storage</b>	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA