

Active Recombinant Canine EGF protein(Asn973-Arg1024)

Cat. No. EGF-4366C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine EGF (NP_001003094.1) (Asn973-Arg1024) was expressed in Yeast.
Species	Canine
Source	Yeast
ProteinLength	Asn973-Arg1024
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cell proliferation assay using Balb 3T3 mouse embryonic fibroblasts. The ED50 for this effect is typically 0.1-0.6 ng/mL.
Molecular Mass	The recombinant canine EGF consists of 52 amino acids and predicts a molecular mass of 6.2 kDa.
Purity	> 95 % 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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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