

Rat Cripto/TDGF1/ CRGF (His Tag) recombinant protein



Catalog Number: 504857

General Information

Protein Construction

A DNA sequence encoding the rat TDGF1 (XP_001056317.2) (Met1-Cys143) was expressed with a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind with rat ACVR1B-Fc (Cat:504742) in a functional ELISA.

Purity

(32.6+48.9) % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Phe 17

Molecular Mass

The recombinant rat TDGF1 comprises 138 amino acids and predicts a molecular mass of 15.5 kDa. The apparent molecular mass of the recombinant protein is approximately 22 and 19 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

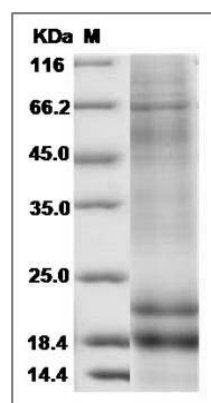
Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Rat Cripto / TDGF1 Protein (His Tag) SDS-PAGE