

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



Catalog Number: 504657

General Information

Protein Construction

A DNA sequence encoding the rat TDGF1 (XP_001056317.2) (Met 1-Cys 143) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg 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/Fc is a disulfide-linked homodimer. The reduced monomer comprises 368 amino acids and predicts a molecular mass of 41 kDa. The apparent

molecular mass of the rat TDGF1/Fc monomer is approximately 45 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

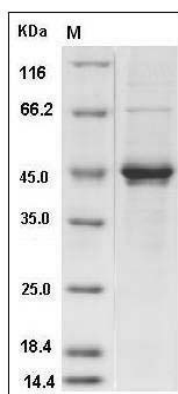
Storage

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 (Fc Tag) SDS-PAGE