# Canine IGFBP1/IGFBP-1 (His Tag) recombinant protein

Catalog Number: 501516

# **General Information**

# **Protein Construction**

A DNA sequence encoding the canine IGFBP1 (XP\_005629556.1) (Met1-Ser249) was expressed with a polyhistidine tag at the C-terminus.

# Organism

Canine

#### **Expression Host**

Human Cells

# **QC Testing**

#### Purity

> 95 % as determined by SDS-PAGE.

# Endotoxin

< 1.0 EU per  $\mu g$  protein as determined by the LAL method.

# Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}$ C

# **Predicted N terminal**

Thr 26

**Molecular Mass** 

The recombinant canine IGFBP1 consists 235 amino acids and predicts a molecular mass of 26 kDa.

#### 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

Canine IGFBP1 / IGFBP-1 Protein (His Tag)



