

Recombinant Canine IGFBP1 Protein, His-tagged

Cat. No. IGFBP1-1065C Lot. No. (See product label)

SPECIFICATION

| | |
|-----------------------------|---|
| Product Overview | Recombinant canine IGFBP1 (XP_005629556.1) (Met1-Ser249) was expressed with a polyhistidine tag at the C-terminus. |
| Species | Canine |
| Source | HEK293 |
| ProteinLength | 1-249 a.a. |
| Predicted N Terminal | Thr 26 |
| Form | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol. |
| Molecular Mass | The recombinant canine IGFBP1 consists 235 amino acids and predicts a molecular mass of 26 kDa. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Purity | >95 % as determined by SDS-PAGE. |
| Stability | Samples are stable for up to twelve months from date of receipt at -70°C. |
| Storage | Store it under sterile conditions at -20°C~-70°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  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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IGFBP1 insulin-like growth factor binding protein 1 [*Canis lupus familiaris*]

Official Symbol IGFBP1

Synonyms insulin-like growth factor-binding protein 1

Gene ID 480812

mRNA Refseq

Protein Refseq

MIM

UniProt ID

Chromosome Location chromosome: 16

Pathway Metabolism of proteins, organism-specific biosystem; Regulation of Insulin-like Growth Factor (IGF) transport and uptake by Insulin-like Growth Factor Binding Proteins (IGFBPs), organism-specific biosystem

 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