

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.

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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

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