

## Active Recombinant Rhesus IGFBP1 Protein, His-tagged

Cat. No. IGFBP1-1189R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant rhesus IGFBP1 (XP_001085935.2) (Met23-Asn281) was expressed, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Rhesus macaque
<b>Source</b>	HEK293
<b>ProteinLength</b>	23-281 a.a.
<b>Predicted N Terminal</b>	Ala 48
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Rhesus IGFBP1-His at 10 µg/ml (100 µl/well) can bind biotinylated human IGF1 with a linear range of 12.5-100 ng/ml.
<b>Molecular Mass</b>	The recombinant rhesus comprises 245 amino acids and has a calculated molecular mass of 26.7 KDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>98 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.

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**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.

**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 [ *Macaca mulatta* ]

**Official Symbol** IGFBP1

**Synonyms** insulin-like growth factor binding protein 1

**Gene ID** 696994

mRNA Refseq

Protein Refseq

MIM

UniProt ID

**Chromosome Location** chromosome: 3

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