

## Active Recombinant Rhesus IGFBP2 Protein, His-tagged

Cat. No. IGFBP2-1188R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant rhesus IGFBP2 (XP_001087071.1) (Met1-Gln324) was expressed, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Rhesus macaque
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-324 a.a.
<b>Predicted N Terminal</b>	Glu 38
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Bio-activity</b>	Measured by its ability to inhibit the biological activity of IGFI or IGFI on MCF7 human breast adenocarcinoma cells. The ED50 for this effect is typically 0.02-0.1 µg/mL in the presence of 14 ng/mL human IGFI.
<b>Molecular Mass</b>	The recombinant rhesus IGFBP2 comprises 300 amino acids and has a calculated molecular mass of 32.8 KDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>67 % 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** IGFBP2 insulin like growth factor binding protein 2 [ *Macaca mulatta* ]

**Official Symbol** IGFBP2

**Synonyms** insulin-like growth factor binding protein 2, 36kDa

**Gene ID** 696214

mRNA Refseq

Protein Refseq

MIM

UniProt ID

**Chromosome Location** chromosome: 12

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