

Active Recombinant Rhesus IGFBP2 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant rhesus IGFBP2 (XP_001087071.1) (Met1-Gln324) was expressed, fused with a polyhistidine tag at the C-terminus.
Species	Rhesus macaque
Source	HEK293
ProteinLength	1-324 a.a.
Predicted N Terminal	Glu 38
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	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.
Molecular Mass	The recombinant rhesus IGFBP2 comprises 300 amino acids and has a calculated molecular mass of 32.8 KDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>67 % as determined by SDS-PAGE.
Stability	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 [<i>Macaca mulatta</i>]
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