

Active Recombinant Rhesus IGFBP1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant rhesus IGFBP1 (XP_001085935.2) (Met23-Asn281) was expressed, fused with a polyhistidine tag at the C-terminus.
Species	Rhesus macaque
Source	HEK293
ProteinLength	23-281 a.a.
Predicted N Terminal	Ala 48
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	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.
Molecular Mass	The recombinant rhesus comprises 245 amino acids and has a calculated molecular mass of 26.7 KDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>98 % 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	IGFBP1 insulin like growth factor binding protein 1 [<i>Macaca mulatta</i>]
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