

IGFBP2

Recombinant Bovine Insulin-like Growth Factor-Binding Protein 2

Catalog No.	BP2A1U100	Quantity:	100 µg
Alternate Names:	IGFBP-2, IBP-2		
Description:	Bovine Insulin-like growth factor binding protein-2 (IGFBP-2) is a 284 amino acid glycoprotein which is a member of a family of six circulating proteins that bind IGF-I and IGF-II with high affinity and modulate their metabolic and mitogenic effects. IGFBP-2 binds IGF-II with a higher affinity than IGF-I and regulates its biological activity and bioavailability at the cellular level.		
UniProt ID:	P13384		
Gene ID:	282260		
Source:	Mammalian cell expression		
Molecular Weight:	30.8 kDa		
Formulation:	Lyophilized from 0.1M acetic acid, sealed under dry nitrogen at a slight vacuum.		
Purity:	> 95% by HPLC Single species by Western ligand blotting		
Endotoxin Level:	< 0.1 EU/µg		
Biological Activity:	ED ₅₀ < 10 nM by IGF-I binding assay		
Reconstitution:	See Protocol 1100 Handling of IGF Binding Proteins 1-6		
Applications:	Protocol 3003 Procedure for Western Ligand blotting using iodinated IGF-I or IGF-II Protocol 3004 Procedure for Western Ligand blotting using biotinylated IGF-I or IGF-II		
Storage & Stability:	Store as supplied for up to 1 year at 2-8°C.		

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