

Human IGFBP-4 IGF Binding Proteins

Catalog No:	BP4BU020	Size: 20 µg
	BP4BU100	Size: 100 µg
Description:	Human Insulin-like Growth Factor Binding Protein-4 (IGFBP-4) is a 237 amino acid glycosylated protein that is one of the six "classical" IGF binding proteins that play an important role in stabilizing and regulating the activity of IGFs <i>in vivo</i> . Human IGFBP-4 is a 24-28 kDa glycoprotein that does not appear to associate with the cell surface or the extracellular matrix.	
References:	Neumann G. M. <i>et al.</i> (1998) <i>Biochemistry</i> 37 , 6572-6585. Zapf J. (1995) <i>Eur. J. Endocrinol.</i> 132 , 645-654.	
Source:	Produced recombinantly in mammalian cells. Purified by affinity chromatographic steps.	
Purity:	Greater than 90% (by N-terminal sequencing).	
Molecular Weight:	24-28 kDa (glycosylated) Confirmed by SDS-PAGE under reducing conditions.	
Biological Activity:	Single species detected by Western ligand blot using ¹²⁵ I-IGF-I as probe.	
State and Appearance:	Lyophilized white powder dried from 0.1 M acetic acid and stored under dry nitrogen at a slight vacuum (-25 kPa).	
Storage/Stability:	At least 2 years at 2 - 4°C (lyophilized).	
Reconstitution:	Refer to Protocol 1100 : Handling Of IGF Binding Proteins 1-6	
Detection:	Refer to Protocol 3100 : Immunohistochemical (IHC) Detection of IGFBPs In Paraffin Sections Of Rat Embryonic Tissues Using Extravidin-Cy3 Staining Refer to Protocol 3120 : Protocol for Western Immunoblotting using human IGFBP antisera	
Related Products:	Anti-Human IGFBP-4, Catalog No: PAR1, size: 100 µl IGFBP-4, antibody for Immunohistochemistry, Catalog No: PAAG1, size: 20 µg Human IGFBP-4 Pack, Catalog No: PAR1-BP4BU020, size: 100 µl antiserum + 20 µg Human IGFBP-4 IGFBP-4 Immunohistochemistry Pack, Catalog No: PAAG-BP4BU020, size: 20 µg Human IGFBP-4	

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