

Human IGFBP-2 IGF Binding Proteins

Catalog No:	BP2BU020 Size: 20 µg BP2BU100 Size: 100 µg
Description:	Human Insulin-like Growth Factor Binding Protein-2 (IGFBP-2) is a 289 amino acid 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-2 binds both IGF-I and IGF-II and modifies their biological activity and bioavailability.
References:	Zapf J. (1995) Eur. J. Endocrinol. 132 , 645-654. Clemmons, D.R. (1998) Molec. & Cell. Endocrinol. 140 , 19-24.
Source:	Produced recombinantly in mammalian cells. Purified by affinity and other chromatographic steps.
Purity:	Greater than 95% (by HPLC and Mass Spectrometry).
Molecular Weight:	31.3 kDa
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% TFA / 30% acetonitrile 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-2, Catalog No: PAQ1, size: 100 µl IGFBP-2, antibody for Immunohistochemistry, Catalog No: PAAI1, size: 20 µg Human IGFBP-2 Pack, Catalog No: PAQ1-BP2BU020, size: 100 µl antiserum + 20 µg Human IGFBP-2 IGFBP-2 Immunohistochemistry Pack, Catalog No: PAAI-BP2BU020, size: 20 µg Human IGFBP-2

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