

## Datasheet for ABIN935551 IGFBP6 Protein



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### Overview

Quantity:	20 µg
Target:	IGFBP6
Origin:	Human
Source:	Hi-5 Cells
Protein Type:	Recombinant
Biological Activity:	Active

### Product Details

Sequence:	RCPGCGQGVQ AGCPGGCVVEE EDGGSPAEGC AEAEGCLRRE GQECGVYTPN CAPGLQCHPP KDDEAPLRAL LLGRGRCLPA RAPAVAEENP KESKPQAGTA RPQDVNRRDQ QRNPGTSTTP SQPNSAGVQD TEMGPCRRHL DSVLQQLQTE VYRGAQTLVY PNCDHARGFYR KRQCRSSQGQ RRGPCWCVDR MGKSLPGSPD GNGSSSCPTG SSG
Characteristics:	Purified recombinant Human IGF BP6 protein Expression System: Hi-5 cells Bioactivity: Determined by its ability to inhibit IGF-II induced proliferation of human MCF-7 cells. The expected ED50 for this effect is 0.1 - 0.4 µg/mL.
Purity:	> 95 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

### Target Details

Target:	IGFBP6
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## Target Details

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Alternative Name:	IGF BP6 ( <a href="#">IGFBP6 Products</a> )
Background:	<p>IGF-BPs controls the distribution, function and activity of IGFs in various cell tissues and body fluids. IGF-BP6 is produced by bone cells and is the major IGF-BP present in cerebrospinal fluid, and specifically inhibits IGF-II actions. IGF-BP6 has been shown to inhibit IGF-II-dependent cancers such as neuroblastoma, colon cancer and rhabdomyosarcoma.</p> <p>Alternative Names: IGF BP-6 protein, IBP-6 protein, IGF BP 6, IGF BP6, IGF BP 6 protein, IGF BP-6 protein, IGF BP-6</p>
Molecular Weight:	22.6 kDa
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Myometrial Relaxation and Contraction</a>

## Application Details

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Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Comment:	Manufactured using (BTI-Tn-5B1-4) cells under license from the Boyce Thompson Institute for Plant Research, Inc.
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Buffer:	Supplied as a lyophilized powder.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C