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Datasheet for ABIN7505611

**IGFBP3 Protein (AA 1-291) (His tag)**

## Overview

Quantity:	100 µg
Target:	IGFBP3
Protein Characteristics:	AA 1-291
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGFBP3 protein is labelled with His tag.

## Product Details

Sequence:	Met1-Lys291
Characteristics:	A DNA sequence encoding the Human IGFBP3 protein (P17936) (Met1-Lys291) was expressed with a C-His.
Purity:	>80 % as determined by reducing SDS-PAGE.

## Target Details

Target:	IGFBP3
Alternative Name:	IGFBP3 ( <a href="#">IGFBP3 Products</a> )
Background:	Background: IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. Also exhibits IGF-independent antiproliferative and apoptotic effects mediated by its receptor TMEM219/IGFBP-3R. Inhibits

## Target Details

	the positive effect of humanin on insulin sensitivity.Promotes testicular germ cell apoptosis. Synonym: IBP-3,IGF-binding protein 3,IGFBP-3
Molecular Weight:	32.5 kDa
UniProt:	<a href="#">P17936</a>
Pathways:	<a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Autophagy</a> , <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Growth Factor Binding</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months