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Datasheet for ABIN7505795

**IGFBP3 Protein (AA 1-292) (His tag)**

## Overview

Quantity:	100 µg
Target:	IGFBP3
Protein Characteristics:	AA 1-292
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGFBP3 protein is labelled with His tag.

## Product Details

Sequence:	Met1-Gln292
Characteristics:	A DNA sequence encoding the Rat IGFBP-3 protein (P15473) (Met1-Gln292) was expressed with a C-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	IGFBP3
Alternative Name:	IGFBP-3 ( <a href="#">IGFBP3 Products</a> )
Background:	<p>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-ind</p> <p>Synonym: Insulin-like growth factor-binding protein 3, IBP-3, IGF-binding protein 3, IGFBP-3,</p>

### Target Details

	Igfbp3
Molecular Weight:	32.01 kDa
UniProt:	<a href="#">P15473</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