

Datasheet for ABIN7607353
IGFBP3 Protein (AA 28-291) (His tag)



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Overview

Quantity:	50 µg
Target:	IGFBP3
Protein Characteristics:	AA 28-291
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IGFBP3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human IGFBP3 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Immobilized human IGFBP3 (Cat #: AHD27201) Protein at 1 µg/mL (100 µL/well) can bind IGF1 with a linear range of 0.15-25ng/mL.

Target Details

Target:	IGFBP3
Alternative Name:	IBP-3 (IGFBP3 Products)

Target Details

Background:	IBP-3, Insulin-like growth factor-binding protein 3, IGF-binding protein 3, IBP3, IGFBP-3, IGFBP3
UniProt:	P17936
Pathways:	Myometrial Relaxation and Contraction , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development , Regulation of Carbohydrate Metabolic Process , Autophagy , Smooth Muscle Cell Migration , Growth Factor Binding

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months