

Datasheet for ABIN7607383

IGFBP4 Protein (AA 1-258) (His tag)



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Overview

Quantity:	50 µg
Target:	IGFBP4
Protein Characteristics:	AA 1-258
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IGFBP4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human IGFBP4 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:	Measured by its ability to bind human IGF1. The ED50 for this effect is 1.95-111.32 ng/mL.

Target Details

Target:	IGFBP4
Alternative Name:	IGF-binding protein 4 (IGFBP4 Products)
Background:	IGF-binding protein 4, IBP-4, Insulin-like growth factor-binding protein 4, IGFBP-4, IGFBP4, IBP4

Target Details

UniProt:	P22692
Pathways:	WNT Signaling, Myometrial Relaxation and Contraction, Regulation of Carbohydrate Metabolic Process

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