

Datasheet for ABIN7607389

**IGFBP5 Protein (AA 21-272) (His tag)**[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	IGFBP5
Protein Characteristics:	AA 21-272
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IGFBP5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

## Product Details

Purpose:	Recombinant Human IGFBP5 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 inhibit the biological activity of IGF-I or IGF-II on human breast cancer cells (MCF-7). The ED50 for this effect is 0.5-1.5 µg/mL in the presence of 14 ng/mL rhIGF-II.

## Target Details

Target:	IGFBP5
Alternative Name:	IGF-binding protein 5 ( <a href="#">IGFBP5 Products</a> )

## Target Details

Background:	IGF-binding protein 5, IGFBP5, Insulin-like growth factor-binding protein 5, IGFBP-5, IBP-5, IBP5
UniProt:	<a href="#">P24593</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Myometrial Relaxation and Contraction</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

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