

Datasheet for ABIN7607388

IGFBP6 Protein (AA 25-240) (His tag)



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Overview

Quantity:	50 µg
Target:	IGFBP6
Protein Characteristics:	AA 25-240
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IGFBP6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human IGFBP6 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 0.025-0.15 µg/mL in the presence of 14 ng/mL recombinant human IGF-II.

Target Details

Target:	IGFBP6
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Target Details

Alternative Name:	Insulin-like growth factor-binding protein 6 (IGFBP6 Products)
Background:	Insulin-like growth factor-binding protein 6, IBP-6, IBP6, IGFBP-6, IGF-binding protein 6, IGFBP6
UniProt:	P24592
Pathways:	WNT Signaling , Myometrial Relaxation and Contraction

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