

## Datasheet for ABIN935565 IGFBP7 Protein



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### Overview

Quantity:	25 µg
Target:	IGFBP7
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Sequence: MSSSDTCGPC EPASCPPLPP LGCLLGETRD ACGCCPMCAR GEGEPCGGGG AGRGYCAPGM  
ECVKSRRKRRK GKAGAAAGGP GVSGVCVCKS RYPVCGSDGT TYPSCQLRA ASQRAESRGE  
KAITQVSKGT CEQGPSIVTP PKDIWNVTGA QVYLSCEVIG IPTPVLWNK VKRGHYGVQR  
TELLPGDRDN LAIQTRGGPE KHEVTGWVLV SPLSKEDAGE YECHASNSQG QASASAKITV  
VDALHEIPVK KGEAEL

Characteristics: Purified recombinant Human IGF BP7 protein  
Expression System: E.coli

Purity: > 98 % pure

Endotoxin Level: < 0.1 ng per µg (1 EU/µg).

### Target Details

Target: IGFBP7

Alternative Name: IGF BP7 ([IGFBP7 Products](#))

Background: IGF-BPs controls the distribution, function and activity of IGFs in various cell tissues and body

## Target Details

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fluids. Currently there are seven named IGF-BPs that form high affinity complexes with both IGF-I and IGF-II. IGF-BP7 is expressed in a wide range of normal human tissues and it generally shows reduced expression in cancer cell lines of prostate, breast, colon, and lung origin. It plays a role in skeletal myogenesis by binding to IGF1n a manner that inhibits IGF1nduced differentiation of skeletal myoblasts, without affecting IGF1nduced proliferation.

Alternative Names: IGF binding protein related protein-1 protein, IGF BP 7, IGF BP-7, Mac25 protein, IGF BP-7 protein, IGF BP7, Insulin-like growth factor binding protein-7 protein, IGFBPrP1 protein, IGF BP 7 protein, IBP-7 protein, IGF BP-7 protein

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Molecular Weight: 26.4 kDa

Pathways: [Growth Factor Binding](#)

## Application Details

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Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: Supplied as a lyophilized powder.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C