

Datasheet for ABIN5505681
IGFBP7 Protein (Myc-DYKDDDDK Tag)



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1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 20 µg |
| Target: | IGFBP7 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This IGFBP7 protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

Product Details

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|------------------|---|
| Characteristics: | <ul style="list-style-type: none">• Recombinant human IGFBP7 protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone |
|------------------|---|

| | |
|---------|--|
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |
|---------|--|

Target Details

| | |
|-------------------|---|
| Target: | IGFBP7 |
| Alternative Name: | IGFBP7 (IGFBP7 Products) |
| Background: | This gene encodes a member of the insulin-like growth factor (IGF)-binding protein (IGFBP) family. IGFBPs bind IGFs with high affinity, and regulate IGF availability in body fluids and tissues and modulate IGF binding to its receptors. This protein binds IGF-I and IGF-II with relatively low affinity, and belongs to a subfamily of low-affinity IGFBPs. It also stimulates prostacyclin production and cell adhesion. Alternatively spliced transcript variants encoding |

Target Details

different isoforms have been described for this gene, and one variant has been associated with retinal arterial macroaneurysm (PMID:21835307).

Molecular Weight: 28.9 kDa

NCBI Accession: [NP_001544](#)

Pathways: [Growth Factor Binding](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

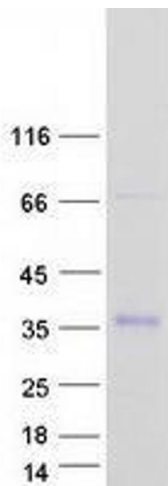
Concentration: 50 µg/mL

Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot