

Datasheet for ABIN7455594

IGFBP2 Protein (AA 36-325) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	10 µg
Target:	IGFBP2
Protein Characteristics:	AA 36-325
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGFBP2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human IGFBP2 protein with C-terminal 6xHis tag
Specificity:	IGFBP2 (Ala36-Gln325) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IGFBP2
Alternative Name:	IGFBP2 (IGFBP2 Products)
Background:	The protein encoded by this gene is one of six similar proteins that bind insulin-like growth

Target Details

factors I and II (IGF-I and IGF-II). The encoded protein can be secreted into the bloodstream, where it binds IGF-I and IGF-II with high affinity, or it can remain intracellular, interacting with many different ligands. High expression levels of this protein promote the growth of several types of tumors and may be predictive of the chances of recovery of the patient. Several transcript variants, one encoding a secreted isoform and the others encoding nonsecreted isoforms, have been found for this gene. [provided by RefSeq, Sep 2015]

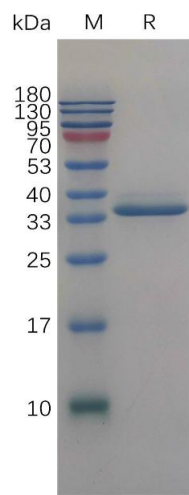
Molecular Weight:	predicted molecular mass of 32.3 kDa after removal of the signal peptide. The apparent molecular mass of IGFBP2-His is 33-40 kDa due to glycosylation.
UniProt:	P18065
Pathways:	Myometrial Relaxation and Contraction , Growth Factor Binding , Activated T Cell Proliferation

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human IG Protein, His Tag on SDS-PAGE under reducing condition.