PRODUCT INFORMATION

Target	IGFBP2
Synonyms	IBP2;BP2
Description	Recombinant human IGFBP2 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P18065
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	IGFBP2(Ala36-Gln325) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 32.3 kDa after removal of the signal peptide. The apparent molecular mass of IGFBP2-His is approximately 33-40 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	The protein encoded by this gene is one of six similar proteins that bind insulin-like growth 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]
Usage	Research use only
Conjugate	Unconjugated

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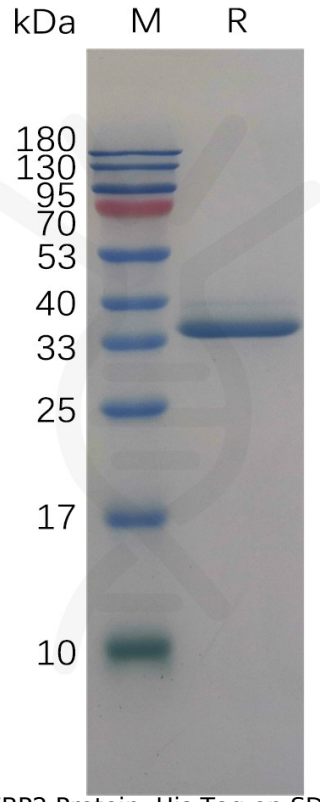


Figure 1. Human IGFBP2 Protein, His Tag on SDS-PAGE under reducing condition.

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