

IGFBP-2 active protein

Recombinant Human IGFBP-2 Protein

CATALOG #
AAA282160

HOST
HEK293 cells

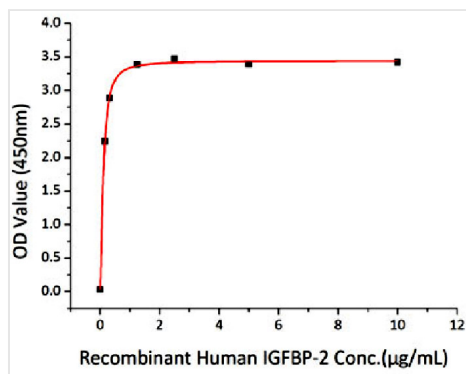
PRODUCT SYNONYMS

IGFBP-2; Recombinant Human IGFBP-2 Protein; BP2; IBP2; IGFBP-2 active protein

PRODUCT SPECIFICATIONS

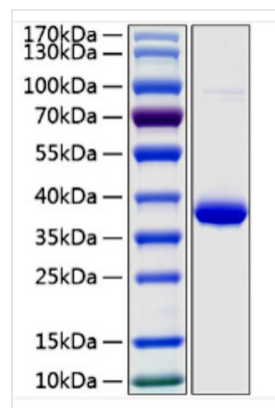
Host	HEK293 cells
Purity/Purification	>95% by SDS-PAGE.
Form/Format	Lyophilized from a 0.22um filtered solution of PBS, pH 7.4.
Species	Human
Endotoxin	<1.0EU/ug of the protein by LAL method.
Tag	C-His
Reconstitution	Reconstitute to a concentration of 0.1-0.5mg/mL in sterile distilled water.
BioActivity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human IGFBP-2 at 5ug/mL (100uL/well) can bind Recombinant Human IGF1 with a linear range of 53-212ng/mL.
Preparation and Storage	Store the lyophilized protein at -20 degree C to -80 degree C for long term. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



ELISA

Immobilized Recombinant Human IGFBP-2 at 5?g/mL (100 ?L/well) can bind Recombinant Human IGF1 with a linear range of 53-212 ng/mL.



SDS-PAGE

Recombinant Human IGFBP-2 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 37-39 kDa.

ADDITIONAL INFORMATION

Related Product Information for IGFBP-2 active protein	Recombinant Human IGFBP-2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu40-Gln328) of human IGFBP-2 (Accession #NP_000588.2) fused with an initial Met at the N-terminus and a 6×His tag at the C-terminus.
Product Categories/Family for IGFBP-2 active protein	Other Cytokines & Cytokine Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	55925576
NCBI GeneID	3485
NCBI Accession #	NP_000588.2
NCBI GenBank Nucleotide #	NM_000597.2
UniProt Accession #	P18065; Q14619; Q9UCL3
NCBI Official Full Name	insulin-like growth factor-binding protein 2
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 2, 36kDa
NCBI Official Symbol	IGFBP2
NCBI Official Synonym Symbols	IBP2; IGF-BP53
NCBI Protein Information	insulin-like growth factor-binding protein 2; IBP-2; IGFBP-2; IGF-binding protein 2
UniProt Protein Name	Insulin-like growth factor-binding protein 2
UniProt Gene Name	IGFBP2
UniProt Synonym Gene Names	BP2; IBP2; IBP-2; IGF-binding protein 2; IGFBP-2
UniProt Entry Name	IBP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.