

Active Recombinant Human IGFBP2 protein, His-tagged

Cat. No. IGFBP2-1236H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	Glu40-Gln328
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human IGFBP-2 at 5 µg/mL (100 µL/well) can bind Recombinant Human IGF1 with a linear range of 53-212 ng/mL.
Molecular Mass	37-39 kDa
Endotoxin	< 1.0 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for

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up to 1 week.

Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

Gene Name IGFBP2 insulin-like growth factor binding protein 2, 36kDa [Homo sapiens]

Official Symbol IGFBP2

Synonyms IGFBP2; insulin-like growth factor binding protein 2, 36kDa; IBP2, insulin like growth factor binding protein 2 (36kD); insulin-like growth factor-binding protein 2; IBP-2; IGFBP-2; IGF-binding protein 2; IBP2; IGF-BP53;

Gene ID 3485

mRNA Refseq NM_000597

Protein Refseq NP_000588

MIM 146731

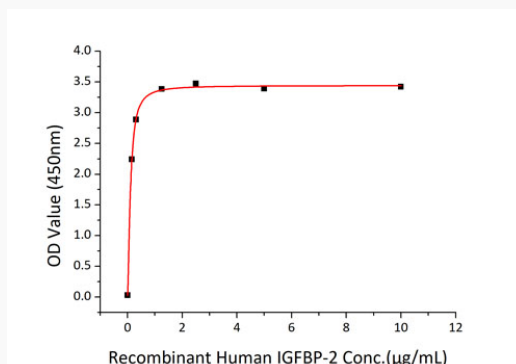
UniProt ID P18065

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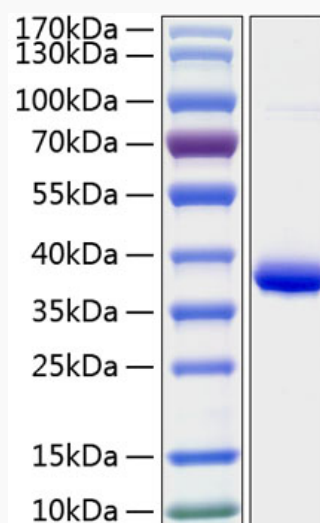
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Activity



SDS-PAGE



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