Active Recombinant Human IGFBP1 protein, His-tagged

Cat. No. IGFBP1-1249H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGFBP-1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala26-Asn259) of human IGFBP-1 (Accession #NP_000587.1) fused with a 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Ala26-Asn259
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-1 at 5 μg/mL (100 μL/well) can bind Recombinant Human IGF1 with a linear range of 44-176 ng/mL.
Molecular Mass	29 kDa
Endotoxin	< 0.1 EU/μg of the protein by LAL method.
Purity	> 97% 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 up to 1 week.

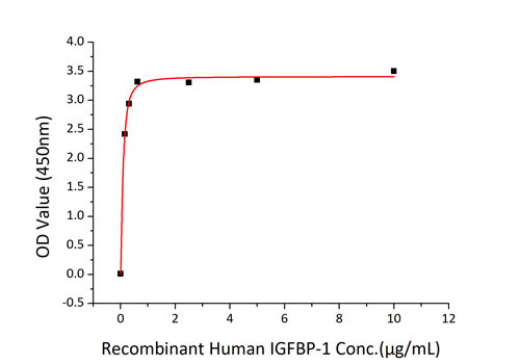
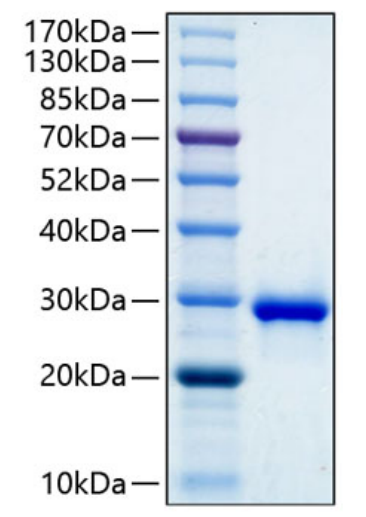
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Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

Gene Name	IGFBP1 insulin-like growth factor binding protein 1 [Homo sapiens]
Official Symbol	IGFBP1
Synonyms	IGFBP1; insulin-like growth factor binding protein 1; IBP1; insulin-like growth factor-binding protein 1; AFBP; alpha pregnancy associated endometrial globulin; amniotic fluid binding protein; binding protein 25; binding protein 26; binding protein 28; growth hormone independent binding protein; hIGFBP 1; IGF binding protein 1; IGF BP25; placental protein 12; PP12; IBP-1; IGFBP-1; binding protein-25; binding protein-26; binding protein-28; IGF-binding protein 1; growth hormone independent-binding protein; alpha-pregnancy-associated endometrial globulin; IGF-BP25; hIGFBP-1;
Gene ID	3484
mRNA Refseq	NM_000596
Protein Refseq	NP_000587
MIM	146730
UniProt ID	P08833

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Activity	
SDS-PAGE	

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