Recombinant Human IGFBPL1 Protein, His-tagged

Cat. No. IGFBPL1-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human insulin-like growth factor-binding protein-like 1/IGFBPL1 protein with a N-terminal His-tag, derived from the transfected human HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	Leu26-Met278
Description	Predicted to enable insulin-like growth factor binding activity. Involved in cellular response to tumor cell. Located in extracellular space.
Form	Lyophilized powder
Molecular Mass	Recombinant human IGFBPL1 protein has a calculated molecular mass of 26 kDa. Due to the glycosylation sites, it migrates as approximately 30 kDa protein bands in SDS-PAGE under DTT, beta-mercaptoethanol reducing conditions.
Purity	> 95%
Storage	Upon arrival, the lyophilized protein may be stored for 2 weeks at 4 centigrade. For long term storage, it is recommended to store desiccated below -20 centigrade in a manual defrost freezer. Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20 centigrade. For long term storage, it is recommended to make appropriate aliquots and store at -80 centigrade. Avoid

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	repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in PBS (pH 7.4)
Reconstitution	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.5 - 1.0 mg/mL with sterile deionized water.
Shipping	ShippingIce packs

GENE INFORMATION

Gene Name	IGFBPL1 insulin like growth factor binding protein like 1 [Homo sapiens (human)]
Official Symbol	IGFBPL1
Synonyms	IGFBPL1; insulin like growth factor binding protein like 1; IGFBPRP4; IGFBP-RP4; bA113O24.1; insulin-like growth factor-binding protein-like 1; IGFBP-related protein 10; insulin-like growth factor binding protein related protein 4; insulin-like growth factor-binding-related protein 4
Gene ID	347252
mRNA Refseq	NM_001007563
Protein Refseq	NP_001007564
MIM	610413
UniProt ID	Q8WX77

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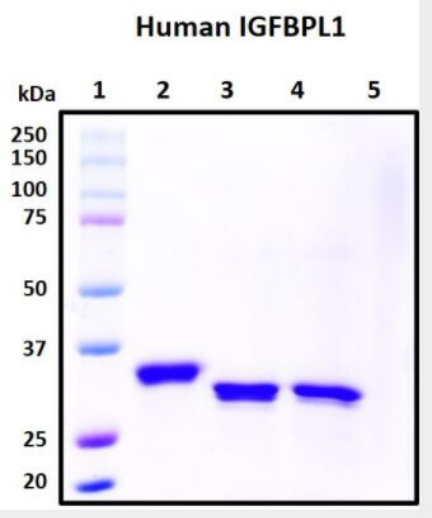
Deglycosylation of purified recombinant proteins.



Purified proteins were untreated (Lane 2) or treated with Protein Deglycosylation Kit under native (Lane 3) or reducing (Lane 4) conditions. Deglycosylation treatment resulted in a mobility shift of the protein to produce one major band at the expected size, thus indicating that the untreated recombinant protein (Lane 2) was glycosylated.

Lane 1: Protein standard ladder (kDa)

Lane 2: Untreated protein under reducing conditions

Lane 3: Treated protein with deglycosylation enzymes under native conditions

Lane 4: Treated protein with deglycosylation enzymes under reducing conditions.

Lane 5: Deglycosylation mixture only without target proteins.

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