

Recombinant Human insulin-like growth factor binding protein 3 Protein, His&Flag tagged

Cat. No. IGFBP3-051H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant human IGFBP3/IBP3 protein (P17936) (Gly 28-Lys 291) with His and Flag tag at the C-terminus was expressed in HEK293.

Species

Human

Source

HEK293

ProteinLength

28-291aa

Description

This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein forms a ternary complex with insulin-like growth factor acid-labile subunit (IGFALS) and either insulin-like growth factor (IGF) I or II. In this form, it circulates in the plasma, prolonging the half-life of IGFs and altering their interaction with cell surface receptors. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Tag

C-His&Flag

Molecular Mass


31.4 kDa

Endotoxin


Less than 1.0 EU/μg by the LAL method.

Purity

>95% as determined by SDS-PAGE.

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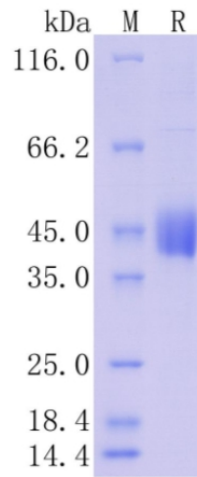
Storage	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.
Reconstitution	Reconstitute at 250 µg/mL in sterile water.
GENE INFORMATION	
Gene Name	IGFBP3 insulin-like growth factor binding protein 3 [Homo sapiens (human)]
Official Symbol	IGFBP3
Synonyms	IGFBP3; insulin-like growth factor binding protein 3; insulin-like growth factor-binding protein 3; acid stable subunit of the 140 K IGF complex; binding protein 29; binding protein 53; BP 53; growth hormone dependent binding protein; IBP3; IGF binding protein 3; IBP-3; IGFBP-3; IGF-binding protein 3; growth hormone-dependent binding protein; BP-53;
Gene ID	3486
mRNA Refseq	NM_000598
Protein Refseq	NP_000589
MIM	146732
UniProt ID	P17936

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**Protein on SDS-
PAGE under
reducing (R)
condition.**



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