

ARG70259 Human IGFBP6 recombinant protein (His-tagged, C-ter)

Package: 50 µg
Store at: -20°C

Summary

Product Description	HEK293 expressed, His-tagged (C-ter) Human IGFBP6 recombinant protein.
Tested Reactivity	Hu
Tested Application	Binding, SDS-PAGE
Target Name	IGFBP6
Species	Human
A.A. Sequence	Met1 - Gly240 of Human IGFBP6 (NP_002169.1) with 6X His tag at the C-terminus.
Expression System	HEK293
Alternate Names	IBP-6; IGF-binding protein 6; IGFBP-6; IBP6; Insulin-like growth factor-binding protein 6

Application Instructions

Application Note	Binding activity test: Measured by its binding ability in a functional ELISA. Immobilized recombinant human IGFBP6 at 1 µg/ml (100 µl/well) can bind recombinant human IGF1 with a linear range of 30-250 ng/ml.
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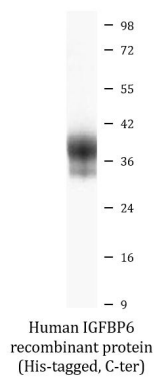
Properties

Form	Powder
Purification Note	0.22 µm filter sterilized. Endotoxin level is 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	Reconstitute to a concentration of 0.1 - 0.5 mg/ml in sterile distilled water.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C for up to one month, at 2-8°C for up to one week. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	IGFBP6
Gene Full Name	insulin-like growth factor binding protein 6
Function	IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. [UniProt]
Calculated Mw	25 kDa
PTM	O-linked glycans consist of hexose (probably Gal), N-acetylhexosamine (probably GalNAc) and sialic acid residues. O-glycosylated with core 1 or possibly core 8 glycans. O-glycosylated on one site only in the region AA 143-168 in cerebrospinal fluid. [UniProt]

Images



ARG70259 Human IGFBP6 recombinant protein (His-tagged, C-ter)
SDS-PAGE image

SDS-PAGE analysis of ARG70259 Human IGFBP6 recombinant protein (His-tagged, C-ter).