

Recombinant Human IGFBP3 protein(His tag)

Catalog Number:PDMH100044



Note: Centrifuge before opening to ensure complete recovery of vial contents.

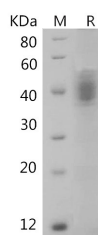
Description

Synonyms	IBP-3;IGF-binding protein 3;IGFBP-3
Species	Human
Expression Host	HEK293 Cells
Sequence	Met1-Lys291
Accession	P17936
Calculated Molecular Weight	32.5 kDa
Observed molecular weight	38-42 kDa
Tag	C-His

Properties

Purity	> 80 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 80 % as determined by reducing SDS-PAGE.

Background

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. Also exhibits IGF-independent antiproliferative and apoptotic effects mediated by its receptor TMEM219/IGFBP-3R. Inhibits the positive effect of humanin on insulin sensitivity.Promotes testicular germ cell apoptosis.

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