Insulin-like growth Factor Binding Protein-3 Reference standard

Cat. No. IGFBP3-197H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This consists of a batch of ampoules containing non- glycosylated recombinant DNA-derived insulin-like growth factor binding protein-3 (rhIGFBP-3) expressed in E. coli.
Species	Human
Source	E.coli
Enzyme Unit	This material is issued on the understanding that it has no official status and has no definitive unitage or content ascribed to it.
Usage	For practical purposes each ampoule contains the same quantity of IGFBP- 3. The entire contents of each ampoule should be completely dissolved in an accurately measured amount of buffer solution. No attempt should be made to weigh out portions of the freeze dried powder. The use of water to reconstitute ampoule contents is not recommended. The material has not been sterilized and the ampoules contain no bacteriostat.
Notes	This preparation is not for administration to humans. The material is of bovine origin. The material is certified to be obtained from animals taken from a closed herd in the female line since 1980, in which no animal has been clinically suspected of having BSE & which has not been fed rations containing ruminant derived protein during that period. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your

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	own laboratorys safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.
Stability	They remain valid with the assigned potency and status until withdrawn or amended. Reference materials are held at Creative Biomart within assured, temperature-controlled storage facilities. Reference Materials should be stored on receipt as indicated on the label. In addition, once reconstituted, diluted or aliquoted, users should determine the stability of the material according to their own method of preparation, storage and use. Users who have data supporting any deterioration in the characteristics of any reference preparation are encouraged to contact Creative Biomart.
Storage	Unopened ampoules should be stored at –20°C. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

GENE INFORMATION

Gene Name	IGFBP3 insulin-like growth factor binding protein 3 [Homo sapiens];
Official Symbol	IGFBP3
Synonyms	IBP3; BP-53; insulin-like growth factor-binding protein 3; IBP-3; IGFBP-3; binding protein 29; binding protein 53; IGF-binding protein 3; growth hormone-dependent binding protein; acid stable subunit of the 140 K IGF complex
Gene ID	3486
mRNA Refseq	NM_000598

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Protein Refseq	NP_000589
MIM	146732
UniProt ID	P17936
Chromosome Location	7p12.3
Pathway	Direct p53 effectors, organism-specific biosystem; Integrated Pancreatic Cancer Pathway, organism-specific biosystem; Senescence and Autophagy, organism-specific biosystem
Function	fibronectin binding; insulin-like growth factor I binding; protein binding

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