

Product Datasheet

Recombinant Human IGFBP-4 Protein NBP2-61376-1mg

Unit Size: 1mg

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-61376-1mg**Recombinant Human IGFBP-4 Protein**

Product Information	
Unit Size	1mg
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL. Apportion stock solutions into working aliquots and store at <-20C.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 20mM Tris-HCl, pH 8.0, 150mM NaCl.
Target Molecular Weight	30 kDa

Product Description	
Description	<p>A recombinant protein containing 237 amino acids corresponding to IGFBP-4 Source: <i>Insect Cell</i></p> <p>Amino Acid Sequence: DEAIHCPPCS EEKLARCRPP VGCEELVREP GCGCCATCAL GLGMPCGVYT PRCGSGRLRCY PPRGVEKPLH TLMHGQGVCM ELAEIEAIQE SLQPSDKDEG DHPNNSFSPC SAHRRCLQK HFAKIRDRST SGGKMKVNGA PREDARVPVQ GSCQSELHRA LERLAASQSR THEDLYIPI PNCDRNGNFH PKQCHPALDG QRGKCWCVDR KTGVKLPGGL EPKGELDCHQ LADSFRE</p>
Gene ID	3487
Gene Symbol	IGFBP4
Species	Human
Details of Functionality	IGFBP-4 protein is fully biologically active when compared to standard. The ED50 as determined by its ability to inhibit IGF-II induced proliferation of MCF-7 cells is less than 0.1 ug/ml, corresponding to a specific activity of > 1.0 x 10 ⁴ IU/mg in the presence of 14 ng/ml of recombinant human IGF-II.
Endotoxin Note	Less than 0.1 EU/ug of IGFBP-4 as determined by LAL method.

Product Application Details	
Applications	Bioactivity
Recommended Dilutions	Bioactivity





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Products Related to NBP2-61376-1mg

NBP2-38086PEP	IGFBP-4 Recombinant Protein Antigen
236-EG-200	EGF [Unconjugated]
NBP1-80549	IGFBP-4 Antibody
210-TA-005	TNF-alpha [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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