

Product Datasheet

Recombinant Rat IGF-I/IGF-1 Protein NBP2-35219-10ug

Unit Size: 10ug

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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NBP2-35219-10ug

Recombinant Rat IGF-I/IGF-1 Protein

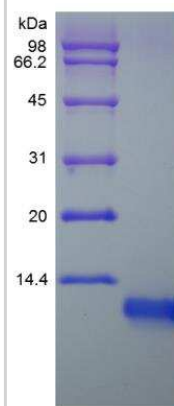
Product Information	
Unit Size	10ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	7.7 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 70 amino acid residues corresponding to IGF-I/IGF-1 Source: <i>E. coli</i> Uniprot ID: P08025 Amino Acid Sequence: GPETLCGAEL VDALQFVCGP RGFYFNKPTG YGSSIRRAPQ TGIVDECCFR SCDLRRLEMY CAPLKPTKSA
Gene ID	3479
Gene Symbol	IGF1
Species	Rat
Details of Functionality	IGF-I/IGF-1 protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using serum free human MCF-7 cells is less than 2 ng/ml, corresponding to a specific activity of > 5.0 x 10 ⁵ IU/mg.
Endotoxin Note	Less than 1 EU/ug of IGF-I/IGF-1 as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

SDS-Page: Rat IGF-I Protein [NBP2-35219]





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Products Related to NBP2-35219-10ug

NBP2-35000-100ug	Recombinant Human IGF-I/IGF-1 Protein
236-EG-200	EGF [Unconjugated]
291-G1-200	IGF-I/IGF-1 [Unconjugated]
M6000B-1	IL-6 [HRP]

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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