

IGF1

Recombinant Human IGF-I Biotin

Catalog No.	AQU010 AQU050 AQU100	Quantity:	10 µg 50 µg 100 µg
Description:	Biotinylated human insulin-like Growth Factor-I (biotinyl-IGF-I) is made by reacting NHS-Biotin reagent to label the primary amines of the IGF-I molecule. A mixture of biotinylated forms are produced, the major species being di-biotinyl-IGF-I. Biotinyl IGF-I has been prepared using HNS-biotin with a spacer to minimize steric hindrance during subsequent avidin binding.		
GenelD:	3479		
Source:	High purity IGF-I was used as the source material for this product. Di-biotinyl IGF-I was confirmed as the major species by Mass Spectrometry		
Formulation:	Lyophilized from Acetonitrile / 0.1% Trifluoroacetic acid (TFA) under dry nitrogen at a slight vacuum (-25 kPa)		
Purity:	Purified by HPLC		
Biological Activity:	Western ligand blot to bovine IGFBP-2.		
Reconstitution:	Centrifuge vial prior to opening. Dissolve in 10 mM HCl at a concentration of at least 0.1 mg/ml, aliquot, freeze and store at -20°C or -80°C. Alternatively aliquot, lyophilize and store at 2-4°C. Avoid freeze-thaw cycles. Inclusion of a carrier protein (e.g. RIA Grade BSA) is recommended where possible.		
Storage & Stability:	At least 2 years at 2-4°C (lyophilized).		

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