9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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GDF11 Human, His

Growth and Differentiation factor 11 Human Recombinant, His Tag
CYK0170

Product Overview

Name	GDF11 Human, His
Description	
Growth and Differentiation factor 11 Human Recombinant, His Tag	
Accession (Primary)	O95390
Synonyms	
Growth Differentiation Factor 11, BMP11, Bone Morphogenetic Protein 11, BMP-11, GDF-11, Growth/Differentiation Factor 11, Growth/differentiation factor 11.	
Introduction	
GDF-11 belongs to the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. GDF-11 is a central developmental factor which controls muscular and neural development. In adults, GDF-11 encourages cardiac hypertrophy reverse by the revival of cardiomyocytes.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
GDF11 protein solution (1mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS NLGLDCD EHSSESRCCR YPLTVDFEAF GWDWIIAPKR YKANYCSGQC EYMFMQKYPH THLVQQANPR GSAGPCCTPT KMSPINMLYF NDKQQIIYGK IPGMVVDRCG CS.	
Precautions	
GDF11 Human, His is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (O95390)