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32-6373: GDF11 Human, His

Alternative Name : Growth Differentiation Factor 11, BMP11, Bone Morphogenetic Protein 11, BMP-11, GDF-11, Growth/Differentiation Factor 11, Growth/differentiation factor 11.

Description

Source: Escherichia Coli.
Sterile Filtered colorless solution.
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.
GDF11 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 132 amino acids (299-407a.a) and having a molecular mass of 14.8kDa. GDF11 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	GDF11 protein solution (1mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSNLGLDCD EHSSESRCCR YPLTVDFEAF GWDWIIAPKR YKANYCSGQC EYMFMQKYPH THLVQQANPR GSAGPCCTPT KMSPINMLYF NDKQQIIYGK IPGMVVDRCG CS.

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