

GDF10 (Human) Recombinant Protein

Catalog # P8696

Size 20 ug

Specification

Product Description	Human GDF10 partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MQWDEPRVCSRRYLKVDFADIGWNEWISPKSFDAYYCAGACEFPMPKMRPSNHATIQSIVRAV GIIPGIPEPCCVDPDKMNSLGVLFLDENRNVVLKVYPNMSVDTCACR
Host	Escherichia coli
Theoretical MW (kDa)	12.5
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Storage Buffer	Solution (1 mg/mL) containing 10mM Sodium citrate, pH 3.5, 40% glycerol, 1 mM DTT, 0.1M Na Cl.
Storage Instruction	Store at 4°C for 2-4 weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — GDF10

Entrez GeneID	2662
Protein Accession#	P55107

Gene Name	GDF10
Gene Alias	BMP-3b, BMP3B
Gene Description	growth differentiation factor 10
Omim ID	601361
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in mice suggest that the protein encoded by this gene plays a role in skeletal morphogenesis. [provided by RefSeq]
Other Designations	OTTHUMP00000019534 bone morphogenetic protein 3B

Disease

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