

Recombinant Full Length Human GDF10 Protein, GST-tagged

Cat. No. GDF10-5230HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GDF10 full-length ORF (AAH28237, 1 a.a. - 288 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	288 amino acids
Description	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]
Molecular Mass	57.42 kDa
AA Sequence	MALAPPPRGLWQAKDISPIVKAARRDGELLLSAQLDSEERDPGVPRPSYAPYILVY ANDLAISEPNSVAVTLQRYDPFPAGDPEPRAAPNNSADPRVRRAAQATGPLQDNEL PGLDERPPRAHAQHFKHQLWPSPFRALKPRPGRKDRRKKGQEVFMAASQVLDF DEKTMQKARRKQWDEPRVCSRRYLKVDFAIGWNEWIISPKSFDAYYCAGACEFP MPKIVRPSNHATIQSIVRAVGIIPIGIPEPCCVPDKMNSLGVLFLDENRNVVLKVYPNM SVDTCACR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GDF10 growth differentiation factor 10 [Homo sapiens]
Official Symbol	GDF10
Synonyms	GDF10; growth differentiation factor 10; bone morphogenetic protein 3B; BMP 3b; BIP; GDF-10; bone-inducing protein; BMP3B; BMP-3b;
Gene ID	2662
mRNA Refseq	NM_004962
Protein Refseq	NP_004953
MIM	601361
UniProt ID	P55107

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA