

# Recombinant Full Length Human GDF3 Protein, GST-tagged

Cat. No. GDF3-5238HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GDF3 full-length ORF ( NP_065685.1, 1 a.a. - 364 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	364 amino acids
<b>Description</b>	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. [provided by RefSeq]
<b>Molecular Mass</b>	67.8 kDa
<b>AA Sequence</b>	MLRFLPDLAFSFLILALGQAVQFQEYVFLQLGLDKAPSPQKFQPVYILKKIFQDRE AAATTGVSRLCYVKELGVRGNVLRFLPDQGFFLYPKKISQASSCLQKLLYFNLSAIK EREQLTLAQLGLDLGPNSYYNLGPELELALFLVQEPHVWGQTTPKPGKMFVLRVSP WPQGAVHFNLLDVAKDWNDNPRKNFGLFLEILVKEDRDSGVNFQPEDTCARLRCSL HASLLVVTLNPDQCHPSRKRRRAAIPVPKLSCKNLCHRHQLFINFRDLGWHKWIIAPK GFMANYCHGECPFSLTISLNSSNYAFMQALMHAVDPEIPQAVCIPTKLSPISMYQD NNDNVILRHYEDMVVDECGCG

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GDF3 growth differentiation factor 3 [ Homo sapiens ]
<b>Official Symbol</b>	GDF3
<b>Synonyms</b>	GDF3; growth differentiation factor 3; growth/differentiation factor 3; GDF-3; KFS3; MCOP7; MCOPCB6;
<b>Gene ID</b>	9573
<b>mRNA Refseq</b>	NM_020634
<b>Protein Refseq</b>	NP_065685
<b>MIM</b>	606522
<b>UniProt ID</b>	Q9NR23

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