

Recombinant Human GDF3 Protein, GST-tagged

Cat. No. GDF3-4825H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Human GDF3 full-length ORF (NP_065685.1, 1 a.a. - 364 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | Wheat Germ |
| 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. [provided by RefSeq] |
| Molecular Mass | 67.8 kDa |
| AA Sequence | MLRFLPDLAFSFLILALGQAVQFQEYVFLQFLGLDKAPSPQKFQPVYILKKIFQDRE AAATTGVSRLDCYVKELGVRGNVLRFLPDQGGFLYPKKISQASSCLQKLLYFNLSAIK EREQLTLAQLGLDLGPNSYYNLGPELELALFLVQEPHVWGQTTPKPGKMFVLRVSP WPQGAVHFNLLDVAKDWNDNPRKNFGLFLEILVKEDRDSGVNFQPEDTCARLRCSL HASLLVVTLNPDQCHPSRKRRAAIPVPKLSCKNLCHRHQLFINFRDLGWHKWIIAPK GFMANYCHGECPFSLTISLNSSNYAFMQALMHAVDPEIPQAVCIPTKLSPISMLYQD NNDNVILRHYEDMVVDECGCG |
| Applications | Enzyme-linked Immunoabsorbent Assay |

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

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|-----------------------|--|
| 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

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

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