

Recombinant Human GDF3 Protein (Ala251-Gly364), His tagged

Cat. No. GDF3-3584H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GDF3 (Ala251-Gly364) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala251-Gly364
Description	Growth factor involved in early embryonic development and adipose-tissue homeostasis. During embryogenesis controls formation of anterior visceral endoderm and mesoderm and the establishment of anterior-posterior identity through a receptor complex comprising the receptor ACVR1B and the coreceptor TDGF1/Cripto. Regulates adipose-tissue homeostasis and energy balance under nutrient overload in part by signaling through the receptor complex based on ACVR1C and TDGF1/Cripto.
Molecular Mass	14.03 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

 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

centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

Storage Buffer Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.

Reconstitution Reconstitute in sterile water for a stock solution.

Shipping In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name GDF3 growth differentiation factor 3 [Homo sapiens (human)]

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

 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