

Recombinant Human GDF15 protein, His-tagged

Cat. No. GDF15-284H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GDF15 protein is produced by E.coli expression system. This protein is fused with a His tag at the N-terminal.
Species	Human
Source	E.coli
ProteinLength	Leu30-Ile308
Form	PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin 300.
Molecular Mass	38 kDa
AA Sequence	LSLAEASRASFPGPSELHSEDSRFRELPKRYEDLLTRLRANQSWEDSNTDLVPAPA VRILTPEVRLGSGGHLHLRISRAALPEGLPEASRLHRALFRLSPTASRSWDVTRPLR RQLSLARPQAPALHLPLSPPPSQSDQLLAESSSARPQLELHLRPQAARGRRRARAR NGDHCPLGPGRCCRLHTVRASLEDLGWADWVLSPREVQVTMCIGACPSQFRAAN MHAQIKTSLHRLKPDTPAPCCVPASYNPMVLIQKTDGTGVSLQTYDDLLAKDCHCI
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95 %
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 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

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48 h, and no obvious degradation and precipitation were observed. The loss rate is less than 5 % within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin 300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

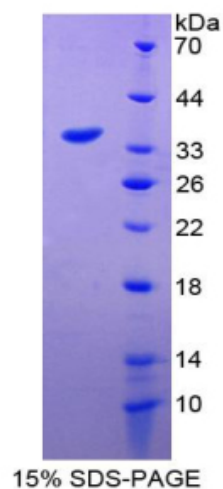
Gene Name	GDF15 growth differentiation factor 15 [Homo sapiens]
Official Symbol	GDF15
Synonyms	GDF15; MIC 1; MIC1; NAG 1; PDF; PLAB; PTGFB; NRG-1; PTGF-beta; placental TGF-beta; MIC-1; NAG-1; GDF-15;
Gene ID	9518
mRNA Refseq	NM_004864
Protein Refseq	NP_004855
MIM	605312
UniProt ID	Q99988

 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

GDF15-284H, 1



 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