

Growth Differentiation Factor 1 (GDF1) Recombinant Protein | GDF1 recombinant protein

Recombinant Growth Differentiation Factor 1 (GDF1)

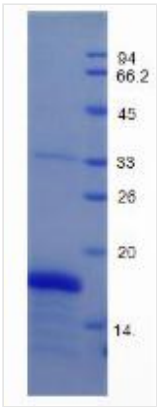
CATALOG # AAA134759	HOST E.coli	REACTIVITY Mouse	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Growth Differentiation Factor 1 (GDF1); Recombinant Growth Differentiation Factor 1 (GDF1); GDF1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mouse
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for GDF1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Cys230~Arg357
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	8.3
Predicted Molecular Mass	15.6kDa
Accurate Molecular Mass	17kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: 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°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence

C PLPRLRRHTE PRVEGVPVGT
C RTRRLHVSF REVGWHRWVI APRGFLANFC QGTALPETL RGPGGPPALN
HAVLRALMHA AAPTPGAGSP CCVPERLSPI SVLFFDNSDN VVLRHYEDMV
VDECGCR

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	253970469
NCBI GeneID	14559
NCBI Accession #	NP_001156754.1
NCBI GenBank Nucleotide #	NM_001163282.2
UniProt Accession #	P20863; Q6AXH1
NCBI Official Full Name	embryonic growth/differentiation factor 1
NCBI Official Synonym Full Names	growth differentiation factor 1
NCBI Official Symbol	Gdf1
NCBI Official Synonym Symbols	Gdf-1; AI385651
NCBI Protein Information	embryonic growth/differentiation factor 1
UniProt Protein Name	Embryonic growth/differentiation factor 1
UniProt Gene Name	Gdf1
UniProt Synonym Gene Names	Gdf-1; GDF-1
UniProt Entry Name	GDF1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.