

Growth Differentiation Factor 11 Recombinant Protein | GDF11 recombinant protein

Recombinant Growth Differentiation Factor 11 (GDF11)

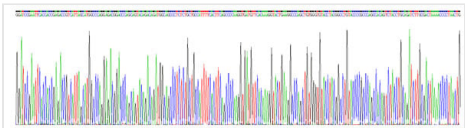
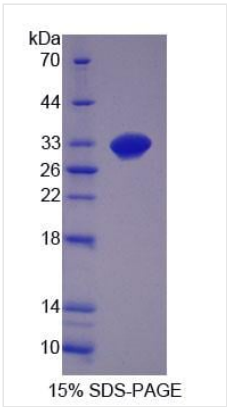
CATALOG # AAA145928	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Growth Differentiation Factor 11; Recombinant Growth Differentiation Factor 11 (GDF11); BMP11; Bone morphogenetic protein 11; GDF11 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 450ug/mL (varies by lot)
Applicable Applications for GDF11 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Thr136~Asn384
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	9.1
Usage	Reconstitute in ddH2O 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 lost rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

TTETV ISMAQETDPA
VQTDGSPGCC HFHFSPKVMF TKVLKAQLWV YLRPVPRPAT VYLQILRLKP
LTGEGTAGGG GGGRRHIRIR SLKIELHSRS GHWQSIDFKQ VLHSHFRQPQ
SNWGIEINAF DPSGTDLAVT SLGPGAEGHL PFMELRVLEN TKRSRRNLGL
DCDEHSSSESR CCRYPLTVDF EAFGMDWIIA PKRYKANYCS GQCEYMFQMK
YPHTHLVQQA INPRGSAGPCC TPTKMSPINM LYFN

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	119617237
NCBI GeneID	10220
Molecular Weight	Predicted Molecular Mass: 31.8kDa Accurate Molecular Mass: 33kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	growth differentiation factor 11, isoform CRA_a
NCBI Official Synonym Full Names	growth differentiation factor 11
NCBI Official Symbol	GDF11
NCBI Official Synonym Symbols	BMP11; BMP-11
NCBI Protein Information	growth/differentiation factor 11
UniProt Protein Name	Growth/differentiation factor 11
UniProt Gene Name	GDF11
UniProt Synonym Gene Names	BMP11; GDF-11; BMP-11
UniProt Entry Name	GDF11_HUMAN

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.