

GDF-10 recombinant protein

GDF-10, 369-478aa, Human, E Coli

CATALOG # AAA48541	HOST E Coli	APPLICATIONS SDS-Page
------------------------------	-----------------------	---------------------------------

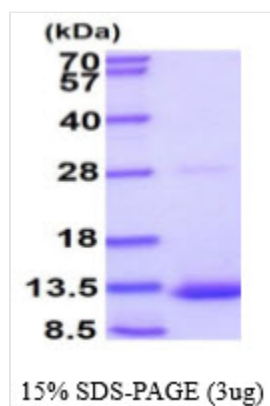
PRODUCT SYNONYMS

GDF-10; 369-478aa; Human; E Coli; Growth differentiation factor 10; BMP-3b; BMP3B; BIP; Growth differentiation factor 10 BMP 3b; Bone inducing protein; Bone morphogenetic protein 3b [Precursor]; GDF 10; ; GDF-10 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 10mM Sodium citrate (pH 3.5) containing 1mM DTT, 40% glycerol, 0.1M NaCl
Concentration	0.25 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MQWDEPRVCS RRYLKVD FAD IGWNEWIISP KSFDAYYCAG ACEFPMPKIV RPSNHATIQS IVRAVGIIIPG IPEPCCVPDK MNSLGVLFLD ENRNVLKVY PNMSVDTCAC R
Sequence Length	478
Applicable Applications for GDF-10 recombinant protein	SDS-PAGE
Antigen Species	Human
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GDF-10 recombinant protein	GDF10 (Growth differentiation factor 10) is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. It is expressed in femur, brain, lung, skeletal, muscle, pancreas and testis, and it plays a role in head formation and may have multiple roles in skeletal morphogenesis. 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. Recombinant GDF10 protein was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for GDF-10 recombinant protein	Hormones & Cytokines
References	Cunningham NS., et al. (1995) Growth Factors. 12 (2):99-109.; Ducey P., et al. (2000) Kidney Int. 57 (6):2207-14.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826740
NCBI GeneID	2662
NCBI Accession #	NP_004953
NCBI GenBank Nucleotide #	NM_004962.4
UniProt Accession #	P55107; Q5VSQ8; Q9UCX6
Molecular Weight	12.5 kDa (111aa), confirmed by MALDI-TOF.
NCBI Official Full Name	growth/differentiation factor 10 preproprotein
NCBI Official Synonym Full Names	growth differentiation factor 10
NCBI Official Symbol	GDF10
NCBI Official Synonym Symbols	BIP; BMP3B; BMP-3b
NCBI Protein Information	growth/differentiation factor 10
UniProt Protein Name	Growth/differentiation factor 10
UniProt Gene Name	GDF10
UniProt Synonym Gene Names	GDF-10; BMP-3B; BIP

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gdf10-recombinant-protein-e-coli-sds-page/48541>