

GDF15 recombinant protein

GDF15, 189-303aa, Mouse, His tag, E Coli (Denatured)

CATALOG # AAA48886	HOST E Coli	APPLICATIONS SDS-Page
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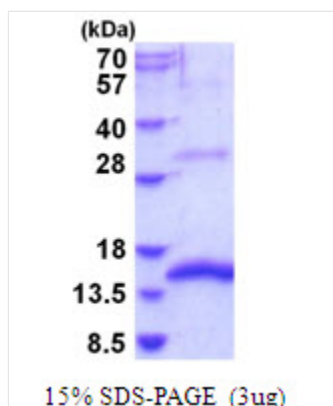
PRODUCT SYNONYMS

GDF15; 189-303aa; Mouse; His tag; E Coli (Denatured); Growth/differentiation factor 15 precursor; MIC-1; NAG-1; SBF; GDF15 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Phosphate buffer (pH 8.0) containing 10% glycerol.
Concentration	1.0 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MGSSAHAHPR DSCPLGPGRC CHLETVQATL EDLGWSDWVL SPRQLQLSMC VGECPLYRS ANTHAIKAR LHGLQPKVP APCCVPSSYT PVVLMHRTDS GVSLQTYDDL VARGCHCA
Sequence Length	303
Applicable Applications for GDF15 recombinant protein	SDS-PAGE
Antigen Species	Mouse
Tag Information	His-tag
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 GDF15 recombinant protein	Growth/differentiation factor 15, also known as GDF15, is a member of the TGF superfamily. It has a role in regulating inflammatory and apoptotic pathways in injured tissues and during disease processes. They are synthesized as precursor molecules that are processed at a dibasic cleavage site to release C-terminal domains containing a characteristic motif of 7 conserved cysteines in the mature protein. Recombinant mouse GDF15 fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for GDF15 recombinant protein	Hormones & Cytokines
References	Zimmers TA, Jin X, et al. (2005). Shock. 23 (6):543-8.; Hsiao EC, Koniaris LG, et al. (2000). Mol Cell Biol. 20 (10):3742-51.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	170784848
NCBI GeneID	23886
NCBI Accession #	NP_035949
NCBI GenBank Nucleotide #	NM_011819.3
UniProt Accession #	Q9Z0J7; Q6NX63
Molecular Weight	14.9 kDa (138aa)
NCBI Official Full Name	growth/differentiation factor 15 preproprotein
NCBI Official Synonym Full Names	growth differentiation factor 15
NCBI Official Symbol	Gdf15
NCBI Official Synonym Symbols	SBF; MIC-1; NAG-1
NCBI Protein Information	growth/differentiation factor 15
UniProt Protein Name	Growth/differentiation factor 15
UniProt Gene Name	Gdf15
UniProt Synonym Gene Names	Sbf; GDF-15

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.