

Growth Differentiation Factor 15 (GDF15) Active Protein | GDF15 active protein

Active Growth Differentiation Factor 15 (GDF15)

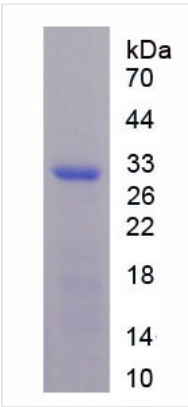
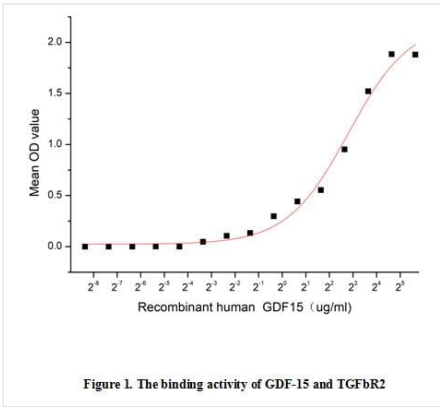
CATALOG # AAA153111	HOST 293F Cell	APPLICATIONS Activity Assay, Cell Culture
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PRODUCT SYNONYMS

Growth Differentiation Factor 15 (GDF15); Active Growth Differentiation Factor 15 (GDF15); Growth Differentiation Factor 15; GDF15 active protein (eukaryotic; 293F Cell); Human; PDF; MIC1; NAG-1; PLAB; PTGFB; Macrophage inhibitory cytokine 1; NSAID-activated gene 1 protein; Placental bone morphogenetic protein; Prostate differentiation factor; GDF15 active protein

PRODUCT SPECIFICATIONS

Host	293F Cell
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Ala195-Ile308
Applicable Applications for GDF15 active protein	Activity Assay, Cell Culture
Expression System	Eukaryotic expression
Species	Human
Tag	Two N-terminals, His-tag and SUMO-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7.9
Research Area	Cytokine
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.



Bioactivity
Growth Differentiation Factor 15 (GDF-15), also called Macrophage Inhibitory Cytokine 1 (MIC-1), is a divergent member of the Transforming Growth Factor beta (TGF-beta) superfamily. Human GDF-15 shares 66% and 68% amino acid sequence identity with the ra

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for GDF15 active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153792495
NCBI GeneID	9518
NCBI Accession #	NP_004855.2
NCBI GenBank Nucleotide #	NM_004864.2
UniProt Accession #	Q99988; O14629; P78360; Q9BWA0; Q9NRT0
Molecular Weight	34,140 Da
NCBI Official Full Name	growth/differentiation factor 15
NCBI Official Synonym Full Names	growth differentiation factor 15
NCBI Official Symbol	GDF15
NCBI Official Synonym Symbols	PDF; MIC1; PLAB; MIC-1; NAG-1; PTGFB; GDF-15
NCBI Protein Information	growth/differentiation factor 15; NRG-1; PTGF-beta; placental TGF-beta; NSAID-activated gene 1 protein; NSAID-regulated gene 1 protein; prostate differentiation factor; macrophage inhibitory cytokine 1; placental bone morphogenetic protein; NSAID (nonster
UniProt Protein Name	Growth/differentiation factor 15
UniProt Gene Name	GDF15
UniProt Synonym Gene Names	MIC1; PDF; PLAB; PTGFB; GDF-15; MIC-1; NAG-1; NRG-1
UniProt Entry Name	GDF15_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.