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Datasheet for ABIN7505305

GDF15 Protein (AA 151-308) (His tag)

Overview

Quantity:	100 µg
Target:	GDF15
Protein Characteristics:	AA 151-308
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GDF15 protein is labelled with His tag.

Product Details

Sequence:	Gln 151-Ile 308
Characteristics:	A DNA sequence encoding the Human GDF-15 protein (Q99988) (Gln 151-Ile 308) was expressed with a C-His tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	GDF15
Alternative Name:	GDF-15 (GDF15 Products)
Background:	Abbreviation: GDF-15 Target Synonym: Growth/differentiation factor 15,GDF15,GDF-15 Background: Growth/differentiation factors (GDF-1 to GDF-15) are members of the BMP family of TGF-beta superfamily proteins. They are produced as inactive preproteins which are then

Target Details

cleaved and assembled into active secreted homodimers. GDF dimers are disulfide-linked with the exception of GDF-3 and -9. GDF proteins are important during embryonic development, particularly in the skeletal, nervous, and muscular systems.

Molecular Weight: Calculated MW: 17.27 kDa
Observed MW: 20 kDa

UniProt: [Q99988](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months