

Datasheet for ABIN7607456

GDF5 Protein (AA 376-495) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	GDF5
Protein Characteristics:	AA 376-495
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This GDF5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse GDF5 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to induce alkaline phosphatase production by mouse chondrogenic cells (ATDC5). The ED50 for this effect is <1.2 µg/mL.

Target Details

Target:	GDF5
Alternative Name:	Growth/differentiation factor 5 (GDF5 Products)

Target Details

Background:	Growth/differentiation factor 5, BMP14, BMP-14, Radotermine, GDF-5, Bone morphogenetic protein 14, GDF5, CDMP-1, Lipopolysaccharide-associated protein 4, LAP-4, CDMP1, Cartilage-derived morphogenetic protein 1, LPS-associated protein 4,
UniProt:	P43027

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months