

Datasheet for ABIN7607369

BMP4 Protein (AA 293-408) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	BMP4
Protein Characteristics:	AA 293-408
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This BMP4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse BMP4 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 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 5-40 ng/mL.

Target Details

Target:	BMP4
Alternative Name:	BMP2B (BMP4 Products)

Target Details

Background:	BMP2B, BMP-2B, DVR4, Bone morphogenetic protein 4, BMP-4, BMP4, Bone morphogenetic protein 2B,
UniProt:	P21275
Pathways:	Steroid Hormone Mediated Signaling Pathway , Regulation of Muscle Cell Differentiation , Tube Formation , Skeletal Muscle Fiber Development

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