

Datasheet for ABIN7607693

Osteomodulin Protein (OMD) (AA 21-421) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Osteomodulin (OMD)
Protein Characteristics:	AA 21-421
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Osteomodulin protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human Osteomodulin/OMD 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 adhesion of ATDC5 mouse chondrogenic cells. recombinant human Osteomodulin/OMD (Cat #: AHN36401), immobilized at 20 µg/mL (100 µL/well) can induce more than 35% of ATDC-5 cell adhesion.

Target Details

Target:	Osteomodulin (OMD)
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Target Details

Alternative Name:	Osteoadherin (OMD Products)
Background:	Osteoadherin, KSPG osteomodulin, Keratan sulfate proteoglycan osteomodulin, OMD, Osteomodulin, SLRR2C, OSAD
UniProt:	Q99983
Pathways:	Glycosaminoglycan Metabolic Process

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