

Datasheet for ABIN7607506
NOG Protein (AA 20-232) (His tag)



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	NOG
Protein Characteristics:	AA 20-232
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This NOG protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse NOG/Noggin Protein, C-10*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 inhibit BMP-4-induced alkaline phosphatase production by mouse chondrogenic cells (ATDC5). The ED50 for this effect is 0.06-0.3 µg/mL in the presence of 50 ng/mL of recombinant human BMP-4.

Target Details

Target:	NOG
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Target Details

Alternative Name:	Noggin (NOG Products)
Background:	Noggin, NOG
UniProt:	P97466
Pathways:	Stem Cell Maintenance , Tube Formation

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