

Datasheet for ABIN7607583
MICA Protein (AA 1-308) (His tag)



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Overview

Quantity:	50 µg
Target:	MICA
Protein Characteristics:	AA 1-308
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This MICA protein is labelled with His tag.
Application:	Western Blotting (WB), ELISA, SDS-PAGE (SDS), Activity Assay (AcA), Immunogen (Imm)

Product Details

Purpose:	Recombinant Human MICA 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:	Immobilized recombinant human MICA (Cat #: AHH45201) at 2 µg/mL (100 µL/well) can bind NKG2D with a linear range of 0.61-14.3 ng/mL.

Target Details

Target:	MICA
Alternative Name:	MICA (MICA Products)

Target Details

Background:	MICA, MIC-A, MHC class I polypeptide-related sequence A, PERB11.1
UniProt:	Q29983
Pathways:	Activation of Innate immune Response , Transition Metal Ion Homeostasis , Human Leukocyte Antigen (HLA) in Adaptive Immune Response

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