

Datasheet for ABIN7607232

IFNB1 Protein (AA 22-182) (His tag)



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Overview

Quantity:	50 µg
Target:	IFNB1
Protein Characteristics:	AA 22-182
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IFNB1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse IFNB1/IFN-beta 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:	Recombinant Mouse IFNB1/IFN-beta (Cat #: AMB95301) enhances STAT1 autophosphorylation in Bone-marrowderived macrophage (BMDM). 5-500 ng/mL of recombinant Mouse IFN-beta can enhance STAT1 autophosphorylation.

Target Details

Target:	IFNB1
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Target Details

Alternative Name:	IFNB (IFNB1 Products)
Background:	IFNB, IFN-beta, Interferon beta, IFNB1, Fibroblast interferon, IFB
UniProt:	P01575
Pathways:	JAK-STAT Signaling , TCR Signaling , TLR Signaling , Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response , Positive Regulation of Endopeptidase Activity , Hepatitis C , Autophagy , Inflammasome

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