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Datasheet for ABIN7092862 IFNB1 Protein (His tag)

Overview

Quantity:	100 µg
Target:	IFNB1
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNB1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant mouse IFNB1 protein with C-terminal 6xHis tag
Specificity:	Mouse IFNB1 (Ile22-Asn182) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IFNB1
Alternative Name:	IFNB1 (IFNB1 Products)
Background:	Synonyms: Ifb, IFN-beta, IFNB Description: Has antiviral, antibacterial and anticancer activities.[UniProtKB/Swiss-Prot Function]

Target Details

Molecular Weight:	predicted molecular mass of 20.6 kDa after removal of the signal peptide. The apparent molecular mass of mIFNB1-His is 25-35 kDa due to glycosylation.
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

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C, -80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months