

Datasheet for ABIN7597433

IFNGR1 Protein (AA 18-245) (His tag)



[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	IFNGR1
Protein Characteristics:	AA 18-245
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNGR1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human IFNGR1 Protein with C-terminal 10xHis tag
Sequence:	IFNGR1(Glu18-Gly245) 10xHis tag
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IFNGR1
Alternative Name:	IFNGR1 (IFNGR1 Products)
Background:	<p>CD119, IFNGR, IMD27A, IMD27B</p> <p>This gene (IFNGR1) encodes the ligand-binding chain (alpha) of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. A genetic variation in IFNGR1 is associated with susceptibility to Helicobacter pylori infection. In addition, defects</p>

Target Details

	in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease, also known as familial disseminated atypical mycobacterial infection. [provided by RefSeq, Jul 2008]
Molecular Weight:	predicted molecular mass of 27.2 kDa after removal of the signal peptide. The apparent molecular mass of IFNGR1-His is 35-55 kDa due to glycosylation.
UniProt:	P15260
Pathways:	Interferon-gamma Pathway

Application Details

Application Notes:	Extracellular Domain Proteins (ECD) can be used as: <ul style="list-style-type: none">• Immunogens for antibody drug development• Reagents used for CAR-T positive cell monitoring• Reagents for antibody screening and functional testing• Reagents for antibody affinity measurement
Comment:	The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
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