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Datasheet for ABIN5855172

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

Overview

Quantity:	50 µg
Target:	IFNGR1
Protein Characteristics:	AA 18-245
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNGR1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	EMGTADLGPS SVPTPTNVTI ESYNMNPIVY WEYQIMPQVP VFTVEVKNYG VKNSEWIDAC INISHHYCNI SDHVGDPNS LWVRVKARVG QKESAYAKSE EFAVCRDGKI GPPKLDIRKE EKQIMIDIFH PSVFBVNGDEQ EVDYDPETTC YIRVYNVYVR MNGSEIQYKI LTQKEDDCDE IQCQLAIPVS SLNSQYCVSA EGVLVHWGVT TEKSKEVCIT IFNSSIKGHH HHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	IFNGR1
Alternative Name:	IFNGR1 (IFNGR1 Products)
Background:	IFNGR1, also known as interferon gamma receptor 1, is a member of the hematopoietic

Target Details

cytokine receptor superfamily. It is a receptor that binds interferon-gamma, the sole member of interferon type II. It induces the rapid dimerization of chains, thereby forming a site that is recognized by the extracellular domain of IFNGR2. It is expressed in a membrane-bound form in many cell types, and is over-expressed in tumour cells. Its signaling promotes autoimmune germinal centers via cell-intrinsic induction of BCL-6. It is crucial for host defence against mycobacterial infections. It is associated with susceptibility to pulmonary tuberculosis (TB). Recombinant human IFNGR1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 26.6kDa (234aa) 28-40kDa (SDS-PAGE under reducing conditions)

NCBI Accession: [NP_000407](#)

UniProt: [P15260](#)

Pathways: [Interferon-gamma Pathway](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.