

# Product Information

## MemDX™ Membrane Protein Human IFNGR1 (Interferon gamma receptor 1) Full Length

Cat. No.: **MPC4039K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human IFNGR1 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

IFNGR1

#### Protein Length

Full length

#### Protein Class

Receptor

#### TMD

1

#### Sequence

MALLFLLPLVMQGVSR AEMGTADLGPSSVPTPTNVTIESYNNMNPVYWEY  
QIMPQVPVFTVEVKNYGVKNSEWIDACINISHHYCNISDHVGDPSNSLWV  
RVKARVGGQKESAYAKSEEFVAVCRDGKIGPPKLDIRKEEKQIMIDIFHPSV  
FVNGDEQEVDYDPETTCYIRVYNVYVRMNGSEIQYKILTQKEDDCDEIQC  
QLAIPVSSLNSQYCVSAEGLVHVWGVVTEKSKEVCITIFNSSIKGSLWIP  
VVAALLLFLVLSLVFICFYIKKINPLKEKSII LPKSLISVVRSATLETKP  
ESKYVSLITSYQPFSL EKEVCEEPLSPATVPGMHTEDNPGKVEHTEELS  
SITEVVTTEENIPDVVPGSHLTPIERESSPLSSNQSEPGSIALNSYHSR  
NCSESDHSRNGFDTDSSCLES HSSLSDSEFPNNKGEIKTEGQELITVIK  
APTSFGYDKPHVLVDLLVDDSGKESLIGYRPTEDSKEFS

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

IFNGR1

**Full Name**

Interferon gamma receptor 1

**Introduction**

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 in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease, also known as familial disseminated atypical mycobacterial infection.

**Alternative Names**

IFNGR1; CD119; IFNGR; IMD27A; IMD27B; AVP, type 2; CD119 antigen; CDw119; IFN-gamma receptor 1; IFN-gamma-R-alpha; IFN-gamma-R1; antiviral protein, type 2; immune interferon receptor 1; interferon-gamma receptor alpha chain; Interferon gamma receptor 1

**Gene ID**

[3459](#)

**UniProt ID**

[P15260](#)