

# Product Information

## MemDX™ Membrane Protein Human IFNGR2 (Interferon gamma receptor 2) Full Length

Cat. No.: **MPC4022K**

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

This product is a made-to-order Human IFNGR2 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

IFNGR2

#### Protein Length

Full length

#### Protein Class

Receptor

#### TMD

1

#### Sequence

MRPTLLWSLLLLLVFAAAAAAPPDPLSQLPAPQHHPKIRLYNAEQVLSWE  
PVALSNSTRPVVYQVQFKYTDSKWFTADIMSIGVNCTQITATECDFTAAS  
PSAGFPMDFNVTLRRLRAELGALHSAWVTMPWFQHYRNVTVGPPENIEVTP  
GEGSLIIRFSSPFDIADTSTAFFCYVHYWEKGGIQQVKGPFRRSNSISLD  
NLKPSRVYCLQVQAQLLWNKSNIFRVGHLSNISCYETMADASTELQQVIL  
ISVGTFSLLSVLAGACFFLVLYRGLIKYWFHTPPSIPLQIEEYLKDPTQ  
PILEALDKDSSPKDDVWDSVSIISFPEKEQEDVLQTL

### 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

IFNGR2

#### Full Name

Interferon gamma receptor 2

#### Introduction

This gene (IFNGR2) encodes the non-ligand-binding beta chain of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. Defects in IFNGR2 are a cause of mendelian susceptibility to mycobacterial disease (MSMD), also known as familial disseminated atypical mycobacterial infection. MSMD is a genetically heterogeneous disease with autosomal recessive, autosomal dominant or X-linked inheritance.

#### Alternative Names

IFNGR2; AF-1; IFGR2; IMD28; IFNGT1; IFN-gamma receptor 2; IFN-gamma-R-beta; IFN-gamma-R2; interferon gamma receptor accessory factor-1; interferon gamma receptor beta chain; interferon gamma transducer 1; Interferon gamma receptor 2

#### Gene ID

[3460](#)

#### UniProt ID

[P38484](#)