

Product Information

MemDX™ Membrane Protein Human IFNAR1 (Interferon alpha and beta receptor subunit 1)

Full Length

Cat. No.: **MPC3512K**

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

This product is a made-to-order Human IFNAR1 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

IFNAR1

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MMVVLLGATTLVLVAVAPWVLSAAAGGKNLKSPPQKVEVDIIDDNFILRWN
RSDSEVGNVTFSDYQKTGMNDWIKLSGCQNITSTKCNFSSLKLNVEEI
KLRIRAEKENTSSWYEVDSFTPPFRKAQIGPPEVHLEADKAIVIHISPGT
KDSVMWALDGLSFTYSLVIWKNSSGVEERIEIYSRHKIYKLSPEPTYCL
KVKAALLTSWKIGVYSPVHCITTVENELPPPENIEVSVQNNQNYVLKWDY
TYANMTFQVQWLHAFKRNPGNHLYKWKQIPDCENVKTTQCVFPQNVFQK
GIYLLRVQASDGNNTSFWSEEIKFDTEIQAFLLPPVFNIRSLSDSFHIYI
GAPKQSGNTPVIQDYPLIYEIIFWENTSNAERKIIIEKTDVTVPNLKPLT
VYCVKARAHTMDEKLNKSSVFSDAVCEKTKPGNTSKIWLIVGICALFAL
PFVIYAAKVFLRCINYYFFPSLKPSSSIDEYFSEQPLKNLLSTSEEQIE
KCFIENISTATVEETNQDDEDHKKYSSQTSQDSGNYSNEDESESKTSE
ELQQDFV

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

IFNAR1

Full Name

Interferon alpha and beta receptor subunit 1

Introduction

The protein encoded by this gene is a type I membrane protein that forms one of the two chains of a receptor for interferons alpha and beta. Binding and activation of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. The protein belongs to the type II cytokine receptor family and functions as an antiviral factor.

Alternative Names

IFNAR1; AVP; IFRC; IFNAR; IFNBR; IFN-alpha-REC; interferon alpha/beta receptor 1; CRF2-1; IFN-R-1; IFN-alpha/beta receptor 1; IFNalpha/beta receptor 1; alpha-type antiviral protein; beta-type antiviral protein; cytokine receptor class-II member 1; cytokine receptor family 2 member 1; interferon (alpha, beta and omega) receptor 1; interferon receptor 1; interferon-alpha/beta receptor alpha chain; interferon-beta receptor 1; type I interferon receptor 1; Interferon alpha and beta receptor subunit 1

Gene ID

[3454](#)

UniProt ID

[P17181](#)