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Product Information

MemDX™ Membrane Protein Human IFNLR1 (Interferon lambda receptor 1) Full Length

Cat. No.: **MPC4605K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human IFNLR1 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
IFNLR1

Protein Length
Full length

Protein Class
Receptor

TMD
1

Sequence
MAGPERWGPLLLCLLQAAPGRPRLAPPQNVTLLSQNFSVYLTWLPGLGNP
QDVTYFVAYQSSPTRRRWREVEECAGTKELLCSMMCLKKQDLYNKFKGRV
RTVSPSSKSPWVESEYLDYLFEVEPAPPVLVLTQTEEILSANATYQLPPC
MPPLDLKYEVAFWKEGAGNKTLFPVTPHGQPVQITLQPAASEHHCLSART
IYTFSVPKYSKFSKPTCFLLEVPEANWAFLVLPSLLILLLVIAAGGVIWK
TLMGNPWFQRAKMPRALDFSGHTHPVATFQPSRPESVNDLFLCPQKELTR
GVRPTPRVRAPATQQTRWKKDLAEDEEEEDEEDTEDGVSFQPYIEPPSFL
GQEHQAPGHSEAGGVDSGRPRAPLVPSEGSSAWDSSDRSWASTVDSSWDR
AGSSGYLAEKGPGQGPGGDGHQESLPPPEFSKDSGFLEELPEDNLSSWAT
WGTLPPEPNLVPGGPPVSLQTLTFCWESSPEEEEEARESEIEDSDAGSWG
AESTQRTEDRGRTLGHYMAR

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

IFNLR1

Full Name

Interferon lambda receptor 1

Introduction

The protein encoded by this gene belongs to the class II cytokine receptor family. This protein forms a receptor complex with interleukine 10 receptor, beta (IL10RB). The receptor complex has been shown to interact with three closely related cytokines, including interleukin 28A (IL28A), interleukin 28B (IL28B), and interleukin 29 (IL29). The expression of all three cytokines can be induced by viral infection. The cells overexpressing this protein have been found to have enhanced responses to IL28A and IL29, but decreased response to IL28B. Three alternatively spliced transcript variants encoding distinct isoforms have been reported.

Alternative Names

IFNLR1; IFNLR; LICR2; IL28RA; CRF2/12; IL-28R1; CRF2-12; IFN-lambda receptor 1; IFN-lambda-R1; IL-28 receptor subunit alpha; IL-28R-alpha; IL-28RA; class II cytokine receptor CRF2/12; cytokine receptor class-II member 12; cytokine receptor family 2 member 12; interleukin 28 alpha receptor; interleukin 28 receptor A; interleukin 28 receptor, alpha (interferon, lambda receptor); interleukin or cytokine receptor 2; interleukin-28 receptor subunit alpha; likely interleukin or cytokine receptor 2; Interferon lambda receptor 1

Gene ID

163702

UniProt ID

Q8IU57