

Product Information

MemDX™ Membrane Protein Human IL2RG (Interleukin 2 receptor subunit gamma) Full

Length

Cat. No.: **MPC3616K**

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

This product is a made-to-order Human IL2RG 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

IL2RG

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MLKPSLPFTSLLFLQLPLLGVGLNNTTILTPNGNEDTTADFFLTTMPTDSL
SVSTLPLPEVQCFVFNVEYMNCTWNSSEPPQPTNLTLYWYKNSDNDKVQ
KCSHYLFSEEITSGCQLQKKEIHLYQTFVVQLQDPPREPRRQATQMLKLQN
LVIPWAPENLTLHKLSSESQLELNWNNRFLNHCLEHLVQYRTDWDHSWTEQ
SVDYRHKFSLPSVDGQKRYTFRVRSRFPNPLCGSAQHWSEWSHPIHWGSNT
SKENPFLFALEAVVISVGSMLIISLLCVYFWLERTMPRIPTLKNLEDLV
TEYHGNFSAWSGVSKGLAESLQPDYSERLCLVSEIPPKGGALGEGPGASP
CNQHSPYWAPPCYTLKPET

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**

IL2RG

Full Name

Interleukin 2 receptor subunit gamma

Introduction

The protein encoded by this gene is an important signaling component of many interleukin receptors, including those of interleukin -2, -4, -7 and -21, and is thus referred to as the common gamma chain. Mutations in this gene cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe immunodeficiency disorder.

Alternative Names

IL2RG; P64; CIDX; IMD4; CD132; SCIDX; IL-2RG; SCIDX1; cytokine receptor common subunit gamma; CD132 antigen; IL-2 receptor subunit gamma; IL-2R subunit gamma; common cytokine receptor gamma chain; gammaC; interleukin 2 receptor, gamma; nonfunctional common cytokine receptor gamma chain; Interleukin 2 receptor subunit gamma

Gene ID

[3561](#)

UniProt ID

[P31785](#)