

Product Information

MemDX™ Membrane Protein Human IL6R (Interleukin 6 receptor) Full Length

Cat. No.: **MPC3003K**

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

This product is a made-to-order Human IL6R 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

IL6R

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MLAVGCALLAALLAAPGAALAPRRCPAQEVARGVLTSLPGDSVTLTCPGV
EPEDNATVHWVLRKPAAGSHPSRWAGMGRRLLSVQLHDSGNYSYRAG
RPAGTVHLLVDVPPEEPQLSCFRKSPLSNVCEWGPRSTPSLTTKAVLLV
RKFSKQNSPAEDFQEPCCQYSQESQKFSCQLAVPEGDSSFYIVSMCVASSVGS
KFSKTQTFQGCILQPDPPANITVTAVARNPRWLSVTWQDPHSWNSSFYR
LRFELRYRAERSKTFITWMVKDLQHHCVIHDAWSGLRHVVQLRAQEEFGQ
GEWSEWSPEAMGTPWTESRPPAENEVSTPMQALTNNKDDDNILFRDSAN
ATSLPVQDSSSVPLPTFLVAGGSLAFGTLLCIAIVLRFKKTWKLRLALKEG
KTSMHPPYSLGQLVPERPRPTPLVPLISPPVSPSSLGSDNTSSHNRPDA
RDPRSPYDISNTDYFFPR

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**

IL6R

Full Name

Interleukin 6 receptor

Introduction

This gene encodes a subunit of the interleukin 6 (IL6) receptor complex. Interleukin 6 is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in the immune response. The IL6 receptor is a protein complex consisting of this protein and interleukin 6 signal transducer (IL6ST/GP130/IL6-beta), a receptor subunit also shared by many other cytokines. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer. Alternatively spliced transcript variants encoding distinct isoforms have been identified in this gene. A pseudogene of this gene is found on chromosome 9.

Alternative Names

IL6R; IL6Q; gp80; CD126; HIES5; IL-6R; IL6RA; IL6RQ; IL-1Ra; IL-6RA; IL6QTL; IL-6R-1; interleukin-6 receptor subunit alpha; CD126 antigen; IL-6 receptor subunit alpha; membrane glycoprotein 80; Interleukin 6 receptor

Gene ID

[3570](#)

UniProt ID

[P08887](#)