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Product Information

MemDX™ Membrane Protein Human IL6ST (Interleukin 6 signal transducer) for Antibody Discovery

Cat. No.: **MP0567X**
This product is for research use only and is not intended for diagnostic use.

This product is a 101 kDa Human IL6ST membrane protein expressed in *in vitro* wheat germ expression system. 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
IL6ST

Protein Length
Full-length

Molecular Weight
101 kDa

TMD
1

Sequence
MLTLQTWLVQALFIFLTTESTGELLDPCGYISPESPVVQLHSNFTAVCVLKEKCMDYFHVNANYIVWKTNHFTIPKEQYTIINRTASSV

Product Description

Application
Antibody Production

Expression Systems
in vitro wheat germ expression system

Tag
NO

Protein Format
Liposome

Form

Liquid

Purification

None

Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

IL6ST

Full Name

Interleukin 6 signal transducer

Introduction

The protein encoded by this gene is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). This protein functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. vIL6, a protein related to IL6 and encoded by the Kaposi sarcoma-associated herpesvirus, can bypass the interleukin 6 receptor (IL6R) and directly activate this protein. Knockout studies in mice sµggest that this gene plays a critical role in regulating myocyte apoptosis. Alternatively spliced transcript variants have been described. A related pseudogene has been identified on chromosome 17

Alternative Names

CD130; GP130; HIES4; CDW130; IL-6RB; sGP130

Gene ID

3572

UniProt ID

P40189

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