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Product Information

MemDX™ Antibody Discovery - Mouse CCL6 / C10 (22-116) Membrane Protein, Partial, -His tag

Cat. No.: **MP1068F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Mouse CCL6 / C10 (22-116). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Mouse

Target Protein
CCL6 / C10

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 11.7 kDa. The protein migrates as 14 kDa under reducing (R) condition (SDS-PAGE).

Sequence
AA Gly 22 - Ala 116 (Accession # P27784).

Product Description

Application
SDS-PAGE

Expression Systems
HEK293

Tag
His tag at the C-terminus

Protein Format
Soluble

Form
LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>90% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.
The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile coditions after reconstitution after storage at -80°C.

Target

Target Protein

CCL6 / C10

Full Name

chemokine (C-C motif) ligand 6

Introduction

This gene encodes a protein that is a member of the mucin family. Mucins are high molecular weight, O-glycosylated proteins that play an important role in forming a protective mucous barrier, and are found on the apical surfaces of the epithelia. The encoded protein is a membrane-tethered mucin that contains an extracellular domain at its amino terminus, a large tandem repeat domain, and a transmembrane domain with a short cytoplasmic domain. The amino terminus is highly glycosylated, while the repeat region contains 156 amino acid repeats unit that are rich in serines, threonines, and prolines. Interspersed within the repeats are Sea urchin sperm protein Enterokinase and Agrin (SEA) modules, leucine-rich repeats and ankyrin (ANK) repeats. These regions together form the ectodomain, and there is a potential cleavage site found near an SEA module close to the transmembrane domain. This protein is thought to play a role in forming a barrier, protecting epithelial cells from pathogens. Products of this gene have been used as a marker for different cancers, with higher expression levels associated with poorer outcomes.

Alternative Names

MRP; Scy; c10; MRP-1; Scya6; C-C motif chemokine 6; CC chemokine C10; small-inducible cytokine A6

Gene ID

20305

UniProt ID

P27784

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