

Product Information

MemDX™ Membrane Protein Human CD14 (CD14 molecule) expressed in CHO for Antibody

Discovery

Cat. No.: **MP0065Q**

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

This product is a 35.8 kDa Human CD14 membrane protein expressed in CHO. 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

CD14

Protein Length

Full-length

Protein Class

Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Transmembrane

Molecular Weight

35.8 kDa

Sequence

MERASCLLLLLLPLVHVSATTPEPCELDDEDFRCVCNFSQPDPWSEAFQCVSAREVEI
HAGGLNLEPFLKRVDADADPRQYADTVKALRVRLTVGAAQVPAQLLVGALRVLAYSRLKE
LTLEDLKITGTMPPLEATGLALSSLRLRNVSATGRSWLAELQQWLKPKLVLSIAQA
HSPAFSCEQVRAFPALTSDDLSDNPGLGERGLMAALCPHKFPAIQNLALRNTGMETPTGV
CAALAAAGVQPHSLDLSHNSLRATVNPSAPRCMWSSALNSLNSFAGLEQVPKGLPAKLR
VLDLSCNRLNRAQPDDELPEVDNLTLTGDPFLVPGTALPHEGSMNSGVVPACARSTLSVG
VSGTLVLLQGARGFA

Product Description

Expression Systems

CHO

Tag

Tag Free

Form

Powder

Endotoxin

Less than 0.01 ng per µg protein

Purity

>95%, as determined by Coomassie stained SDS-PAGE

Buffer

1 x PBS, pH7.2

Storage

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

Target**Target Protein**

CD14

Full Name

CD14 molecule

Introduction

The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide. Alternative splicing results in multiple transcript variants encoding the same protein.

Alternative Names

CD14 antigen; CD14 molecule; monocyte differentiation antigen CD14; myeloid cell-specific leucine-rich glycoprotein; CD14

Gene ID

[929](#)

UniProt ID

[P08571](#)