

Product Information

MemDX™ Membrane Protein Human CD24 (CD24 molecule) Expressed in *E.coli* with GST tag at the N-terminus for Antibody Discovery, Partial (27-80aa)

Cat. No.: **MPX4225K**

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

This product is a 32.3kDa Human CD24 membrane protein expressed in *E.coli*. 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

CD24

Protein Length

Partial (27-80aa)

Protein Class

Receptor

Molecular Weight

32.3kDa

Sequence

SETTTGTSSNSSQSTSNTGLAPNPTNATTKAAGGALQSTASLFVVSLSLLHLYS

Product Description

Expression Systems

E.coli

Tag

GST tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

CD24

Full Name

CD24 molecule

Introduction

This gene encodes a sialoglycoprotein that is expressed on mature granulocytes and B cells and modulates growth and differentiation signals to these cells. The precursor protein is cleaved to a short 32 amino acid mature peptide which is anchored via a glycosyl phosphatidylinositol (GPI) link to the cell surface. This gene was missing from previous genome assemblies, but is properly located on chromosome 6. Non-transcribed pseudogenes have been designated on chromosomes 1, 15, 20, and Y. Alternative splicing results in multiple transcript variants.

Alternative Names

CD24A; signal transducer CD24; CD24 antigen (small cell lung carcinoma cluster 4 antigen)

Gene ID

[100133941](#)

UniProt ID

[P25063](#)