

Product Information

MemDX™ Membrane Protein Human CD5 (CD5 molecule) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX3922K**

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

This product is a Human CD5 membrane protein expressed *in vitro* *E.coli* 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

CD5

Protein Length

Full Length of Mature Protein

Protein Class

Receptor

TMD

1

Sequence

RLSWYDPDFQARLTRNSKCGQLEVYLKDGWHMVCSQSWGRSSKQWEDPSQASKVCQRLNCGVPLSLGPFLVITYTPQSSIICV

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

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

CD5

Full Name

CD5 molecule

Introduction

This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. This protein is a type-I transmembrane glycoprotein found on the surface of thymocytes, T lymphocytes and a subset of B lymphocytes. The encoded protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

CD5; T1; LEU1; T-cell surface glycoprotein CD5; CD5 antigen (p56-62); epididymis secretory sperm binding protein; lymphocyte antigen T1/Leu-1; CD5 molecule

Gene ID

[921](#)

UniProt ID

[P06127](#)