

Product Information

MemDX™ Membrane Protein Human CKLF (Chemokine like factor) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX1180K**

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

This product is a Human CKLF 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

CKLF

Protein Length

Full Length

Protein Class

Cytokine

TMD

3

Sequence

MDNVQPKIKHRPFCFSVKGHVKMLRLALTTSMTFFIIAQAPEPYIVITGFEVTVLFFILLYVLRLDRLMKWLFWPLLDIINSLVTTVFM

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

CKLF

Full Name

Chemokine like factor

Introduction

The product of this gene is a cytokine. Cytokines are small proteins that have an essential role in the immune and inflammatory responses. This gene is one of several chemokine-like factor genes located in a cluster on chromosome 16. The protein encoded by this gene is a potent chemoattractant for neutrophils, monocytes and lymphocytes. It also can stimulate the proliferation of skeletal muscle cells. This protein may play important roles in inflammation and in the regeneration of skeletal muscle. Alternatively spliced transcript variants encoding different isoforms have been identified. Naturally occurring read-through transcription occurs between this locus and the neighboring locus CMTM1 (CKLF-like MARVEL transmembrane domain containing 1).

Alternative Names

CKLF; C32; CKLF1; CKLF2; CKLF3; CKLF4; UCK-1; HSPC224; chemokine-like factor 1; chemokine-like factor 2; chemokine-like factor 3; chemokine-like factor 4; transmembrane proteolipid; Chemokine like factor

Gene ID

[51192](#)

UniProt ID

[Q9UBR5](#)