

# 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**

MDNVQPKIKHRPFCFSVKGHVKMLRLALTVTSMTFFIIAQAPPEYIVITGFEVTVILFFILLYVLRDLRLMKWLFWPLLDIINSLVTTVFM

### 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](#)