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Product Information

MemDX™ Membrane Protein Human CLCNKB (Chloride voltage-gated channel Kb) for Antibody Discovery

Cat. No.: **MP0234X**
This product is for research use only and is not intended for diagnostic use.

This product is a 77 kDa Human CLCNKB membrane protein expressed in *in vitro* wheat germ 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
CLCNKB

Protein Length
Full-length

Molecular Weight
77 kDa

TMD
10

Sequence
MEEFVGLREGSSGNPVTLQELWGPCPRIRRGIRGGLEWLKQKLFRLGEDWYFLMTLGVLMALVSCAMDLAVESVVRAHQWLYRE

Product Description

Application
Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems
in vitro wheat germ expression system

Tag
GST-tag at N-terminal

Form
Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target

Target Protein

CLCNKB

Full Name

Chloride voltage-gated channel Kb

Introduction

This gene encodes a member of the voltage-dependent chloride channel protein family. Members of this family can function as either chloride channels or antiporters. This protein is primarily localized to late endosomes and functions as a chloride/proton antiporter. Alternate splicing results in both coding and non-coding variants. Additional alternately spliced variants have been described but their full-length structure is unknown

Alternative Names

CLCKB; ClC-K2; MGC24087; hClC-Kb; Chloride channel, kidney, B; OTTHUMP00000011120

Gene ID

1188

UniProt ID

P51801