

Product Information

MemDX™ Membrane Protein Human CLNS1A (Chloride nucleotide-sensitive channel 1A) for Antibody Discovery

Cat. No.: **MP0246X**

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

This product is a 51.7 kDa Human CLNS1A 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

CLNS1A

Protein Length

Full-length

Molecular Weight

51.7 kDa

Sequence

MSFLKSFPPPGPAEGLLRQQPDTEAVLNGKGLGTGTLYIAESRLSWLDGSGGLGFSLEYPTISLHALSRDRSDCLGEHLYVMVNAKFI

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

CLNS1A

Full Name

Chloride nucleotide-sensitive channel 1A

Introduction

This gene encodes a protein that functions in multiple regulatory pathways. The encoded protein complexes with numerous cytosolic proteins and performs diverse functions including regulation of small nuclear ribonucleoprotein biosynthesis, platelet activation and cytoskeletal organization. The protein is also found associated with the plasma membrane where it functions as a chloride current regulator. Pseudogenes of this gene are found on chromosomes 1, 4 and 6. Several transcript variants encoding different isoforms have been found for this gene

Alternative Names

CLCI; CLNS1B; ICln;

Gene ID

[1207](#)

UniProt ID

[P54105](#)