

Product Information

MemDX™ Membrane Protein Human TLCD3A (TLC domain containing 3A) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX2898K**

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

This product is a Human TLCD3A 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

TLCD3A

Protein Length

Full Length

Protein Class

Receptor

TMD

7

Sequence

MLLTLAGGALFFPGLFALCTWALRRSQPGWSRTDCVMISTRVLSSVHAVLATGSGIVIIRSCDDVITGRHWLAREYVWFLIPYMIYDS

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

TLCD3A

Full Name

TLC domain containing 3A

Introduction

The protein encoded by this gene is a membrane-associated protein that promotes lung carcinogenesis. The encoded protein may be involved in amino acid transport and glutathione metabolism since it can interact with a solute carrier family member (SLC3A2) and an isoform of gamma-glutamyltranspeptidase-like 3. An alternatively spliced variant encoding a protein that lacks a 32 aa internal segment showed the opposite effect, inhibiting lung cancer cell growth. Knockdown of this gene also inhibited lung carcinogenesis and tumor cell growth. Several transcript variants encoding different isoforms have been found for this gene.

Alternative Names

TLCD3A; CT120; FAM57A; family with sequence similarity 57 member A; membrane protein expressed in epithelial-like lung adenocarcinoma; protein FAM57A; TLC domain containing 3A

Gene ID

[79850](#)

UniProt ID

[Q8TBR7](#)