

Product Information

MemDX™ Membrane Protein Human DGKE (Diacylglycerol kinase epsilon) expressed in E.coli for Antibody Discovery

Cat. No.: **MP1349J**

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

This product is a 83.9 kDa Human DGKE membrane protein expressed in E.coli. 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

DGKE

Protein Length

Full-length

Protein Class

GPCR

Molecular Weight

83.9 kDa

TMD

1

Sequence

MEAERRPAPGSPSEGLFADGHLILWTLCSVLLPVFITFWCSLQRRQLHRRDIFRKSKHGWRDLDLFSQPTYCCVCAQHILQGAF

Product Description

Expression Systems

E.coli

Tag

N-10xHis-SUMO and C-Myc

Form

Liquid or Lyophilized powder

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration).

Purity

>85% as determined by SDS-PAGE

Buffer

Liquid: Tris/PBS-based buffer, 5%-50% glycerol

Lyophilized powder: Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

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

Target**Target Protein**

DGKE

Full Name

Diacylglycerol kinase epsilon

Introduction

Diacylglycerol kinases are thought to be involved mainly in the regeneration of phosphatidylinositol (PI) from diacylglycerol in the PI-cycle during cell signal transduction. When expressed in mammalian cells, DGK-epsilon shows specificity for arachidonyl-containing diacylglycerol. DGK-epsilon is expressed predominantly in testis.

Alternative Names

AHUS7; DAG kinase epsilon; DAGK 5; DAGK 6; DAGK5; DAGK6; DGK; DGK epsilon; DGK-epsilon; DGKE; DGKE_HUMAN; Diacylglycerol kinase epsilon 64kDa; Diacylglycerol kinase epsilon; Diglyceride kinase epsilon; NPHS7

Gene ID

[8526](#)

UniProt ID

[P52429](#)