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Product Information

MemDX™ Membrane Protein Human PRKCSH (Protein kinase C substrate 80K-H) for Antibody Discovery

Cat. No.: **MP1408J**
This product is for research use only and is not intended for diagnostic use.

This product is a 59.3 kDa Human PRKCSH 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
PRKCSH

Protein Length
Partial (15-302aa)

Protein Class
Ion Channel

Molecular Weight
59.3 kDa

Sequence
VEVKRPRGVSLTNHHFYDESKPFTCLDGSATIPFDQVNDDYCDCKDGSDEPGTAACPNGSFHCTNTGYKPLYIPSNRVNDGVCDC

Product Description

Expression Systems
E.coli

Tag
N-GST

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

>90% 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

PRKCSH

Full Name

Protein kinase C substrate 80K-H

Introduction

This gene encodes the beta-subunit of glucosidase II, an N-linked glycan-processing enzyme in the endoplasmic reticulum. The encoded protein is an acidic phosphoprotein known to be a substrate for protein kinase C. Mutations in this gene have been associated with the autosomal dominant polycystic liver disease. Alternative splicing results in multiple transcript variants.

Alternative Names

80K-H protein; AGE-binding receptor 2; AGE-R2; G19P1; GLU2B_HUMAN; Glucosidase 2 subunit beta; Glucosidase II beta subunit; Glucosidase II subunit beta; Hepatocystin; PCLD; PKCSH; PLD1; PRKCSH; Protein kinase C substrate 60.1 kDa protein heavy chain; Protein kinase C substrate 80 Kda protein; Protein kinase C substrate 80K-H; Protein kinase C substrate; 80 Kda protein; GIIB; PCLD; PLD1; G19P1; PCLD1; PKCSH; AGE-R2; VASAP-60

Gene ID

5589

UniProt ID

P14314