

Product Information

MemDX™ Membrane Protein Human GDPD2 (Glycerophosphodiester phosphodiesterase domain containing 2) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX2814K**

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

This product is a Human GDPD2 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

GDPD2

Protein Length

Full Length

Protein Class

Receptor

TMD

6

Sequence

MAESPGCCSVWARCLHCLYSCHWRKCPRERMQTSKCDCIWFGLLFLTFLLSLSWLYIGLVLLNDLHNFNEFLFRRWGHWMDSL

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

GDPD2

Full Name

Glycerophosphodiester phosphodiesterase domain containing 2

Introduction

This gene encodes a member of the glycerophosphodiester phosphodiesterase enzyme family. The encoded protein hydrolyzes glycerophosphoinositol to produce inositol 1-phosphate and glycerol. This protein may have a role in osteoblast differentiation and growth. Alternate splicing results in multiple transcript variants.

Alternative Names

GDPD2; GDE3; OBDPF; glycerophosphoinositol inositolphosphodiesterase GDPD2; glycerophosphodiester phosphodiesterase 3; glycerophosphodiester phosphodiesterase domain-containing protein 2; osteoblast differentiation promoting factor; Glycerophosphodiester phosphodiesterase domain containing 2

Gene ID

[54857](#)

UniProt ID

[Q9HCC8](#)