

Product Information

MemDX™ Membrane Protein Human GJD3 (Gap junction protein delta 3) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX2392K**

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

This product is a Human GJD3 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

GJD3

Protein Length

Full Length

Protein Class

Receptor

TMD

4

Sequence

MGWAFGLGSLLDVQLQSPVLVGRWLVMILIFRILVLATVGGAVFEDEQEEFVCNTLQPGCRQTCYDRAFPVSHYRFWLFHILLLSA

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

GJD3

Full Name

Gap junction protein delta 3

Introduction

This gene is a member of the large family of connexins that are required for the formation of gap junctions. Six connexin monomers form a hemichannel, or connexon, on the cell surface. This connexon can interact with a connexon from a neighboring cell, thus forming a channel linking the cytoplasm of the 2 cells.

Alternative Names

GJD3; GJC1; GJA11; CX31.9; Cx30.2; gap junction delta-3 protein; connexin-31.9; gap junction alpha-11 protein; gap junction chi-1 protein; gap junction protein, delta 3, 31.9kDa; Gap junction protein delta 3

Gene ID

[125111](#)

UniProt ID

[Q8N144](#)