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Product Information

MemDX™ Membrane Protein Human GJA3 (Gap junction protein alpha 3) Expressed *in vitro E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX2540K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human GJA3 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
GJA3

Protein Length
Full Length of Mature Protein

Protein Class
Receptor

TMD
4

Sequence
GDWSFLGRLLENAQEHSTVIGKVWLTVLFIFRILVLGAAAEDVWGDEQSDFTCNTQQPGCENVCYDRAFPISHIRFWALQIIFVSTPT

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

GJA3

Full Name

Gap junction protein alpha 3

Introduction

The protein encoded by this gene is a connexin and is a component of lens fiber gap junctions. Defects in this gene are a cause of zonular pulverulent cataract type 3 (CZP3).

Alternative Names

GJA3; CX46; CZP3; CTRCT14; gap junction alpha-3 protein; connexin-46; gap junction alpha 3; gap junction protein, alpha 3, 46kDa; Gap junction protein alpha 3

Gene ID

2700

UniProt ID

Q9Y6H8