

Product Information

MemDX™ Membrane Protein Human GJA3 (Gap junction protein alpha 3) Full Length

Cat. No.: **MPC0530K**

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

This product is a 47.4 kDa Human GJA3 membrane protein expressed in HEK293. 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

Protein Class

Transporter

Molecular Weight

47.4 kDa

TMD

4

Sequence

MGDWSFLGRLLENAQEHSTVIGKVWLTVLFIIRILVLGAAAEDVWGDEQS
DFTCNTQQPGCENVCYDRAFPISHIRFWALQIIFVSTPTLIYLGHVLHIV
RMEEKKKEREEEEQLKRESPSPKEPPQDNPSSRDDRGRVIRMAGALLRTYV
FNIIFKTLFEVGFIAQGYFLYGFELKPLYRCDRWPCPNTVDCFISRPTEK
TIFIIFMLAVACASLLLNMLEIYHLGWKKLKQGVTSRLGPDASEAPLGTA
DPPPLPPSSRPPAVAIGFPPYYAHTAAPLGQARAVGYPGAPPPAADFKLL
ALTEARGKGQSAKLYNGHHLLMTEQNWANQAERQPPALKAYPAASTPA
APSPVGSSSPPLAHEAEAGAAPLLLDGSGSSLEGSALAGTPEEEEQAVTT
AAQMHQPPLPLGDPGRASKASRASSGRARPEDLAI

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

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

Gene ID

[2700](#)

UniProt ID

[Q9Y6H8](#)