

Product Information

MemDX™ Membrane Protein Human GJA4 (Gap junction protein alpha 4) Full Length

Cat. No.: **MPC0542K**

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

This product is a 37.4 kDa Human GJA4 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

GJA4

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

37.4 kDa

TMD

4

Sequence

MGDWGFLEKLLDQVQEHSTVVGKIWLTVLFI FRILILGLAGESVWGDEQS
DFECNTAQP GCTNVCYDQAFPISHIRYWVLQFLVSTPTLVYLGHVIYLS
RREERLRQKEGELRALPAKDPQVERALAAVERQMAKISVAEDGRLRIRGA
LMGTYVASVLCKSVLEAGFLYGQWRLYGWTMEPVFVCQRAPCPYLVDCFV
SRPTEKTIFIIFMLVVG L I S L V L N L L E L V H L L C R C L S R G M R A R Q G Q D A P P
TQGTSSDPYTDQVFFYLPVGQGPSSPPCPTYNGLSSSEQNWANLTTEERL
ASSRPPLFLDPPPQNGQKPPSRPSSSASKKQYV

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**

GJA4

Full Name

Gap junction protein alpha 4

Introduction

This gene encodes a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. Mutations in this gene have been associated with atherosclerosis and a higher risk of myocardial infarction.

Alternative Names

CX37; gap junction alpha-4 protein; connexin-37; gap junction protein, alpha 4, 37kDa; GJA4; Gap junction protein alpha 4

Gene ID

[2701](#)

UniProt ID

[P35212](#)