

# 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

MGDWGFLEKLLDQVQEHSTVVGKIWLTVLFIFRILILGLAGESVWGDEQS  
DFECNTAQP GCTNVCYDQAFPISHIRYWVLQFLVSTPTLVYLGHVIYLS  
RREERLRQKEGELRALPAKDPQVERALAAVERQMAKISVAEDGRLRIRGA  
LMGTYVASVLCKSVLEAGFLYGQWRLYGWTMEPVFVCQRAPCPYLVDCFV  
SRPTEKTIFIFMLVVGLISLVNLLELVHLLCRCLSRGMRARQGQDAPP  
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](#)