

Product Information

MemDX™ Membrane Protein Human GJA4 (Gap junction protein alpha 4) for Antibody

Discovery

Cat. No.: **MP0406X**

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

This product is a 63.8 kDa Human GJA4 membrane protein expressed in *in vitro* wheat germ 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

GJA4

Protein Length

Full-length

Molecular Weight

63.8 kDa

TMD

4

Sequence

MGDWGFLEKLLDQVQEHSTVVGKIWLTVLFIFRILILGLAGESVWGDEQSDFECDNTAQPGCTNVCYDQAFPISHIRYWVLQFLFVST

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

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

Gene ID

[2701](#)

UniProt ID

[P35212](#)