

## Product Information

### **MemDX™ Membrane Protein Human GJA4 (Gap junction protein alpha 4) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein**

Cat. No.: **MPX2464K**

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

This product is a Human GJA4 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**

GJA4

##### **Protein Length**

Full Length of Mature Protein

##### **Protein Class**

Receptor

##### **TMD**

4

##### **Sequence**

GDWGFLEKLLDQVQEHSTVVGKIWLTVLFIFRILILGLAGESVWGDEQSDFECDNTAQPGCTNVCYDQAFPIHSHIRYWWLQFLFVSTP

#### 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**

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**

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

#### **Gene ID**

[2701](#)

#### **UniProt ID**

[P35212](#)