

## Product Information

### MemDX™ Membrane Protein Human GJD4 (Gap junction protein delta 4) Full Length

Cat. No.: **MPC0541K**

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

This product is a 40.1 kDa Human GJD4 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

GJD4

##### Protein Length

Full length

##### Protein Class

Transporter

##### Molecular Weight

40.1 kDa

##### TMD

4

##### Sequence

MEGVDLLGFLIITLNCNVTMVGKLWFLVTMLLRMLVIVLAGRPVYQDEQE  
RFVCNTLQPGCANVCYDVFSVSHLRFWLIQGVCVLLPSAVFSVYVLHRG  
ATLAALGPRRCPPREPASGQRRCPFPFGERGGLQVPDFSAGYIIHLLLR  
TLLEAAFALHYFLFGFLAPKKFPCTRPCTGVVDCYVSRPTEKSLMLF  
LWAVSALSFLGLADLVCSLRMRMRPPTSPSIRKQSGASGHAEGRR  
TDEEGGREGGAPAPPGARAGGEGAGSPRRTSRVSGHTKIPDEDESEVTS  
SASEKLGRQPRGRPHREAAQDPRGSGSEEQPSAAPSRLAAPPSCSSLQPP  
DPPASSSGAPHLRARKSEWV

#### 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**

GJD4

**Full Name**

Gap junction protein delta 4

**Introduction**

Connexins, such as GJD4, are involved in the formation of gap junctions, intercellular conduits that directly connect the cytoplasms of contacting cells. Each gap junction channel is formed by docking of 2 hemichannels, each of which contains 6 connexin subunits.

**Alternative Names**

CX40.1; gap junction delta-4 protein; connexin-40.1; connexin40.1; gap junction protein, delta 4, 40.1kDa; GJD4; Gap junction protein delta 4

**Gene ID**

[219770](#)

**UniProt ID**

[Q96KN9](#)