

# Product Information

## MemDX™ Membrane Protein Human GJB4 (Gap junction protein beta 4) Full Length

Cat. No.: **MPC0543K**

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

This product is a 30.4 kDa Human GJB4 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

GJB4

#### Protein Length

Full length

#### Protein Class

Transporter

#### Molecular Weight

30.4 kDa

#### TMD

4

#### Sequence

MNWAFLQGLLSGVNKYSTVLSRIWLSVVFIFRVLVYVVAEEVWDDEQKD  
FVCNTKQPGCPNVCYDEFFPVSHVRLWALQLILVTCPSLLVVMHVAYREE  
RERKHHLKHGPNAPSLYDNLSKKRGGLWWTYLLSLIFKAAVDAGFLYIFH  
RLYKDYDMPRVVACSVPCPHTVDCYISRPTEKKVFTYFMVTTAAICILL  
NLSEVFYLVGKRCMEIFGPRHRRPRCRECLPDTCPYPVLSQGGHPEDGNS  
VLMKAGSAPVDAGGYP

### 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**

GJB4

**Full Name**

Gap junction protein beta 4

**Introduction**

This gene encodes a transmembrane connexin protein that is a component of gap junctions. Mutations in this gene have been associated with erythrokeratoderma variabilis, progressive symmetric erythrokeratoderma and hearing impairment.

**Alternative Names**

EKV; EKVP2; CX30.3; gap junction beta-4 protein; connexin 30.3; gap junction protein, beta 4, 30.3kDa; GJB4; Gap junction protein beta 4

**Gene ID**

[127534](#)

**UniProt ID**

[Q9NTQ9](#)