

Product Information

MemDX™ Membrane Protein Human GJB4 (Gap junction protein beta 4 expressed in HEK293T) for Antibody Discovery

Cat. No.: **MP1028J**

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

This product is a 30.2 kDa Human GJB4 membrane protein expressed in HEK293T. 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

Ion Channels: Other, Transmembrane

Molecular Weight

30.2 kDa

TMD

4

Sequence

MNWAFLQGLLSGVNKYSTVLSRIWLSVVFIFRVLVYVVAEEVWDDEQKDFVCNTKQPGCPNVCYDEFFP
VSHVRLWALQLILVTCPSLLVMHVAYREERERKHHLKHGPNAPSLYDNLSKKRGGLWWTYLLSLIFKAA
VDAGFLYIFHRLYKDYDMPRVVACSVPCPHTVDCYISRPTEKKVFTYFMVTTAAICILLNLSEVFYLVG
KRCMEIFGPRHRRPRCRECLPDTCPYVLSQGGHPEDGNSVLMKAGSAPVDAGGYP

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

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

Gene ID

[127534](#)

UniProt ID

[Q9NTQ9](#)