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Product Information

MemDX™ Membrane Protein Human GJB3 (Gap junction protein beta 3) expressed in HEK293T for Antibody Discovery

Cat. No.: **MP1240J**
This product is for research use only and is not intended for diagnostic use.

This product is a 30.6 kDa Human GJB3 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
GJB3

Protein Length
Full-length

Protein Class
Druggable Genome, Ion Channels: Other, Transmembrane

Molecular Weight
30.6 kDa

TMD
4

Sequence
MDWKTLQALLSGVNKYSTAFGRIWLSVVFVFRVLVYVVAAERVWGDEQKDFDCNTKQPGCTNVCYDNYFP
ISNIRLWALQLIFVTCPSLLVILHVAYREERERRHRQKHGDQCAKLYDNAGKKHGGLWWTYLFSLIFKLI
IEFLFLYLLHTLWHGFNMPRLVQCANVAPCPNIVDCYIARPTEKKIFTYFMVGASAVCIVLTICELCYLI
CHRVLRGLHKDKPRGGCSPSSSASRASTCRCHHKLVEAGEVDPDPGNNKLQASAPNLTPI

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

GJB3

Full Name

Gap junction protein beta 3

Introduction

This gene is 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 can cause non-syndromic deafness or erythrokeratodermia variabilis, a skin disorder. Alternative splicing results in multiple transcript variants encoding the same protein.

Alternative Names

EKV; CX31; DFNA2; EKVP1; DFNA2B; connexin 31

Gene ID

2707

UniProt ID

O75712

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