

Product Information

MemDX™ Membrane Protein Human GJB5 (Gap junction protein beta 5) Full Length

Cat. No.: **MPC0544K**

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

This product is a 31 kDa Human GJB5 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

GJB5

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

31 kDa

TMD

4

Sequence

MNWSIFEGLLSGVKNKYSTAFGRWLVLVFIKRVLVTAERVWSDDHKD
FDCNTRQPGCSNVCFDEFFPVSHVRLWALQLILVTCPSLLVVMHVAYREV
QEKRHREAHGENSGRLYLNP GKRGGLWWTYVCSLVFKASVDIAFLYVFH
SFYPKYILPPVVKHADPCPNIVDCFISKPSEKNIFTLFMVATAAICILL
NLVELIYLVSKRCHECLAARKAQAMCTGHHPHGTTSSCKQDDLLSGDLIF
LGSDSHPLLPRDPRDHVKKTIL

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**

GJB5

Full Name

Gap junction protein beta 5

Introduction

This gene encodes a member of the beta-type (group I) connexin family. The encoded protein is a gap junction protein involved in intercellular communication related to epidermal differentiation and environmental sensing. This gene has been linked to non-small cell lung cancer.

Alternative Names

CX31.1; gap junction beta-5 protein; gap junction protein, beta 5 (connexin 31.1); gap junction protein, beta 5, 31.1kDa; gap junctional protein cx31.1; GJB5; Gap junction protein beta 5

Gene ID

[2709](#)

UniProt ID

[Q95377](#)