SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

# Product Information

## MemDX™ Membrane Protein Human GJB7 (Gap junction protein beta 7) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX2229K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human GJB7 membrane protein expressed *in vitro E.coli* expression system. 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**
GJB7

**Protein Length**
Full Length

**Protein Class**
Receptor

**TMD**
4

**Sequence**
MSWMFLRDLLSGVNKYSTGTGWIWLAVVFVFRLLVYMVAAEHVWKDEQKEFECNSRQPGCKNVCFDDFFPISQVRLWALQLIMVS

## Product Description

**Expression Systems**
*in vitro E.coli* expression system

**Tag**
10xHis tag at the N-terminus

**Protein Format**
Soluble

**Form**
Liquid or Lyophilized powder

**Buffer**

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

### 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

GJB7

### Full Name

Gap junction protein beta 7

### Introduction

Connexins, such as GJB7, 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

GJB7; CX25; bA136M9.1; connexin25; gap junction beta-7 protein; connexin-25; gap junction protein, beta 7, 25kDa; Gap junction protein beta 7

### Gene ID

375519

### UniProt ID

Q6PEY0