

# Product Information

## MemDX™ Membrane Protein Human CLEC2B (C-type lectin domain family 2 member B) Full Length

Cat. No.: **MPC3021K**

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

This product is a made-to-order Human CLEC2B 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

CLEC2B

#### Protein Length

Full length

#### Protein Class

Receptor

#### TMD

1

#### Sequence

MMTKHKKCFIIVGVLITTNITLIVKLTRDSQSLCPYDWIGFQNKCYFYS  
KEEGDWNSSKYNCSQHADLTIIDNIEEMNFLRRYKCSSDHWIGLKMAKN  
RTGQWVDGATFTKSFGMRGSEGCAYLSDDGAATARCYTERKWICKRIH

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

#### Form

Liquid

## Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

## Target

### Target Protein

CLEC2B

### Full Name

C-type lectin domain family 2 member B

### Introduction

This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may function as a cell activation antigen. An alternative splice variant has been described but its full-length sequence has not been determined. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region.

### Alternative Names

CLEC2B; AICL; IFNRG1; CLECSF2; HP10085; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 2 (activation-induced); C-type lectin superfamily member 2; IFN-alpha-2b-inducing-related protein 1; IFN-alpha2b-inducing related protein 1; activation-induced C-type lectin; C-type lectin domain family 2 member B

### Gene ID

[9976](#)

### UniProt ID

[Q92478](#)