

# Product Information

## MemDX™ Membrane Protein Human CRLF2 (Cytokine receptor like factor 2) for Antibody

### Discovery

Cat. No.: **MP0620J**

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

This product is a 41.8 kDa Human CRLF2 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

CRLF2

#### Protein Length

Full-length

#### Protein Class

Druggable Genome, Secreted Protein, Transmembrane

#### Molecular Weight

41.8 kDa

#### TMD

1

#### Sequence

MGRLVLLWGAAVFLGGWMALGQGGAEVQIQIIFYNLETQVVTWNASKYSRTNLT FHYRFNGDEAYDQC  
TNYLLQEGHTSGCLLD AEQRDDILYFSIRNGTHPVFTASRWMVYYLKPSSPKHVRFSWHQDAVTVTCSDL  
SYGDLLEYVQYRSPFDTEWQSKQENTCNVTIEGLDAEKCYSFWVRVKAMEDVYGPDTYPSDWSEVTCWQR  
GEIRDACAETPTPPKPKLSKFILISSLAILLMVSLLLSLWKLWRVRKFLIPSVDPKSI FPGLF EIHQG  
NFQEWITDTQNV AHLHKMAGAEQESGP EEPLVVQLAKTEAESPRMLDPQTEEKEASGGSLQLPHQPLQGG  
DVVTIGGFTFVMNDRSYVAL

### 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**

CRLF2

**Full Name**

Cytokine receptor like factor 2

**Introduction**

This gene encodes a member of the type I cytokine receptor family. The encoded protein is a receptor for thymic stromal lymphopoietin (TSLP). Together with the interleukin 7 receptor (IL7R), the encoded protein and TSLP activate STAT3, STAT5, and JAK2 pathways, which control processes such as cell proliferation and development of the hematopoietic system. Rearrangement of this gene with immunoglobulin heavy chain gene (IGH) on chromosome 14, or with P2Y purinoceptor 8 gene (P2RY8) on the same X or Y chromosomes is associated with B-progenitor acute lymphoblastic leukemia (ALL) and Down syndrome ALL. Alternatively spliced transcript variants have been found for this gene.

**Alternative Names**

CRL2; TSLPR; CRLF2Y

**Gene ID**

[64109](#)

**UniProt ID**

[Q9HC73](#)