

## Product Information

### MemDX™ Membrane Protein Human LILRB2 (Leukocyte immunoglobulin like receptor B2)

#### Full Length

Cat. No.: **MPC2913K**

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

This product is a made-to-order Human LILRB2 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

LILRB2

##### Protein Length

Full length

##### Protein Class

Receptor; Immunity

##### TMD

1

##### Sequence

MTPIVTVLICLGLSLGPRTHVQTGTIPKPTLWAEPDSVITQGSPVTLSCQ  
GSLEAQEYRLYREKKSASWITRIRPELVKNGQFHIPSITWEHTGRYGCQY  
YSRARWSELSDPLVLMTGAYPKPTLSAQSPVVTSGGRVTLQCESQVAF  
GGFILCKEGEEHPQCLNSQPHARGSSRAIFSVGPVSPNRRWSHRCYGYD  
LNSPYVWSSPSDLELLVPGVSKKPSLSVQPGPVVAPGESLTLCVSDVG  
YDRFVLYKEGERDLRQLPGRQPQAGLSQANFTLGPVSRSYGGQYRCYGAH  
NLSSECSAPSDPLDILITGQIRGTPFISVQPGPTVASGENVTLLCQSWRQ  
FHTFLLTKAGAADAPRLRLRSIHEYPKYQAEFPMSPVTSAHAGTYRCYGS  
NSDPYLLSHPSEPLELVVSGPSMGSSPPPTGPISTPAGPEDQPLTPTGSD  
PQSGLGRHLGVVIGILVAVVLLLLLLLLLFLILRHRRQGHWTSTQRKAD  
FQHPAGAVGPEPTDRGLQWRSSPAADAQEENLYAAVKDTQPEDGVEMDTR  
AAASEAPQDVTYAQLHSLTLRRKATEPPPSQEREPPAEPSTYATLAIH

#### 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

LILRB2

### Full Name

Leukocyte immunoglobulin like receptor B2

### Introduction

This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene.

### Alternative Names

LILRB2; ILT4; LIR2; CD85D; ILT-4; LIR-2; MIR10; MIR-10; leukocyte immunoglobulin-like receptor subfamily B member 2; CD85 antigen-like family member D; Ig-like transcript 4; leucocyte Ig-like receptor B2; leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2; monocyte/macrophage immunoglobulin-like receptor 10; myeloid inhibitory receptor 10; Leukocyte immunoglobulin like receptor B2

### Gene ID

[10288](#)

### UniProt ID

[Q8N423](#)