

Product Information

MemDX™ Membrane Protein Human LILRB2 (Leukocyte immunoglobulin like receptor B2) for Antibody Discovery

Cat. No.: **MP0471J**

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

This product is a 64.8 kDa Human LILRB2 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

LILRB2

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

64.8 kDa

TMD

1

Sequence

MTPIVTVLICLGLSLGPRTHVQTGTIPKPTLWAEPDSVITQGSPVTLSCQGSLEAQEYRLYREKKSASWI
TRIRPELVKNGQFHIPSITWEHTGRYGCQYYSRARWSELSDPLVLVMTGAYPKPTLSAQSPVVTSGGRV
TLQCESQVAFGGFILCKEGEDEHPQCLNSQPHARGSSRAIFSVGPVSPNRRWSHRCYGYDLNSPYVWSSP
SDLLELLVPGVSKKPSLSVQPGPVVAPGESLTLQCVSDVGYDRFVLYKEGERDLRQLPGRQPQAGLSQAN
FTLGPVSRSYGGQYRCYGAYNLSSEWSAPSDPLDILITGQIHGTPFISVQPGPTVASGENVTLLCQSWRQ
FHTFLLTKAGAADAPLRLRSIHEYPKYQAEFPMSPVTSAHAGTYRCYGSLSNDPYLLSHPSEPLELVSG
PSMGSSPPPTGPISTPAGPEDQPLTPTGSDPQSGLGRLGVVIGILVAVVLLLLLLLLLFLILRHRRQ GK
HWTSTQRKADFQHPAGAVGPEPTDRGLQWRSSPAADAQEENLYAAVKDTQPEDGVEMDTRAAASEAPQDV
TYAQLHSLTLRRKATEPPPSQEGEPPAEPSTYATLAIH

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**

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

ILT4; LIR2; CD85D; ILT-4; LIR-2; MIR10; MIR-10

Gene ID

[10288](#)

UniProt ID

[A2IXV5](#)