

Product Information

MemDX™ Membrane Protein Human LILRB5 (Leukocyte immunoglobulin like receptor B5)

Full Length

Cat. No.: **MPC2339K**

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

This product is a made-to-order Human LILRB5 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

LILRB5

Protein Length

Full length

Protein Class

Receptor; Immunity

TMD

1

Sequence

MTLTLSVLICLGLSVGPRTCVQAGTLPKPTLWAEPASVIARGKPVTLWCQ
GPLETEEYRLDKEGLPWARKRQNPLEPGAKAKFHIPSTVYDSAGRYRCYY
ETPAGWSEPSDPLELVATGFYAEPTLLALPSPVVASGGNVTLCQDGLDGL
LTFVLVEEEQKLPRTLYSQKLPKGPSQALFPVGPVTPSCRWRFRYYYYR
KNPQVWSNPSDLLEILVPGVSRKPSLLIPQGSVVARGGSLTLQCRSDVGY
DIFVLYKEGEHDLVQGSQQPQAGLSQANFTLGPVSRSHGGQYRCYGAHN
LSPRWSAPSDPLDILIAGLIPDIPALSVQPGPKVASGENVTLLCQSWHQI
DTFFLTKEGAAHPPLCLKSKYQSYRHQAEFSMSPVTSAQGGTYRCYSAIR
SYPYLLSSPSYPQELVVSGPSGDPSSLPTGSTPTPGPEDQPLTPTGLDPQ
SGLGRHLGVVTGVSFAVLLLLLLLFLRLRHRHQSKHRTSAHFYRPAGAA
GPEPKDQGLQKRASPVADIQEEILNAAVKDTQPKDGVEMDARAAASEAPQ
DVTYAQLHSLTLRREATEPPPSQEREPPAEPSTYAPLAIH

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**

LILRB5

Full Name

Leukocyte immunoglobulin like receptor B5

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). Several other LIR subfamily B receptors are expressed on immune cells where they bind to MHC class I molecules on antigen-presenting cells and inhibit stimulation of an immune response. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

LILRB5; LIR8; CD85C; LIR-8; leukocyte immunoglobulin-like receptor subfamily B member 5; CD85 antigen-like family member C; leucocyte Ig-like receptor B5; leukocyte immunoglobulin-like receptor 8; leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 5; Leukocyte immunoglobulin like receptor B5

Gene ID

[10990](#)

UniProt ID

[Q75023](#)