

Recombinant Human LILRB2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LILRB2-4474H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LILRB2 MS Standard C13 and N15-labeled recombinant protein (NP_001074447) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	65 kDa
AA Sequence	MTPIVTVLICGLSLGPRTHVQTGTIPKPTLWAEPDSVITQGSPVTLSCQGSLEAQEY RLYREKKSASWITRIRPELVKNGQFHIPSITWEHTGRYGCQYYSRARWSELSDPLVL VMTGAYPKPTLSAQPSVVTSGGRVTLQCESQVAFGGFILCKEGEDEHPQCLNSQP

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HARGSSRAIFSVGPVSPNRRWSHRCYGYDLNSPYVWSSPSDLELLVPGVSKKPSL
SVQPGPVVAPGESLTLCVSDVGYDRFVLYKEGERDLRQLPGRQPQAGLSQANFT
LGPVSRSYGGQYRCYGAYNLSSEWSAPSDPLDILITGQIHGTPFISVQPGPTVASGE
NVTLLCQSWRQFHTFLLTKAGAADAPLRLRSIHEYPKYQAEFPMSPVSAHAGTYR
CYGSLNSDPYLLSHPSEPLELVVSGPSMGSSPPPTGPISTPAGPEDQPLTPTGSDP
QSGGLGRHLGVVIGILVAVVLLLLLLLLLFLILRHRRQGKHWSTSTQRKADFQHPAGAVG
PEPTDRGLQWRSSPAADAQEENLYAAVKDTQPEDGVEMDTRAAASEAPQDVTYAQ
LHSLTLRRKATEPPPSQEGEPPAEPsiyatLAIHTRTRPLEQKLISEEDLAANDILDYK
DDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name LILRB2 leukocyte immunoglobulin like receptor B2 [Homo sapiens (human)]

Official Symbol LILRB2

Synonyms LILRB2; leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2; leukocyte immunoglobulin-like receptor subfamily B member 2; CD85d; ILT4; LIR 2; LIR2; MIR 10; MIR10; ILT-4; Ig-like transcript 4; immunoglobulin-like transcript 4; CD85 antigen-like family member D; leukocyte immunoglobulin-like

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receptor 2; monocyte/macrophage immunoglobulin-like receptor 10; leukocyte immunoglobulin-like receptor subfamily B member 2 soluble isoform; leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 6; CD85D; LIR-2; LILRA6; MIR-10;

Gene ID [10288](#)

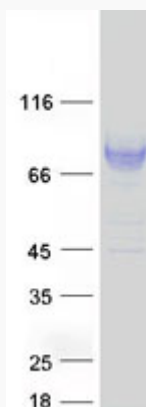
mRNA Refseq [NM_001080978](#)

Protein Refseq [NP_001074447](#)

MIM [604815](#)

UniProt ID [Q8N423](#)

SDS-PAGE



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