

Recombinant Human LILRB5 Protein, His-tagged

Cat. No. LILRB5-363H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LILRB5 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	590
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). 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.
Form	Lyophilized
Molecular Mass	49.2 kDa
AA Sequence	MTLTLSVLICLGLSVGPRTCVQAGTLPKPTLWAEPASVIARGKPVTLWCQGPLETEE YRLDKEGLPWARKRQNPLEPGAKAKFHIPSTVYDSAGRYRCYYETPAGWSESPDP LELVATGFYAEPTLLALPSPVVASGGNVTLQCDTLDGLLTFVLVEEEQKLPRTLYSQK

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LPKGPSQALFPVGPVTPSCRWRFRYYYYRKNPQVWSNPSDLLEILVPGVSRKPSL
LIPQGSVVARGGSLTLQCRSDVG YDIFVLYKEGEHDLVQGGSGQQPQAGLSQANFTL
GPVSRSHGGQYRCYGAHNLSRW SAPSDPLDILIAGLIPDIPALSVQPGPKVASGEN
VTLLCQSWHQIDTFFLTKEGAHPPLCLKSKYQSYRHQA EFSMSPV TSAQG GGT YRC
YSAIRSYPYLLSSPSYPQELVVSGPSGDPSLSPTGSTPTPGPEDQPLTPTGLDPQSG
LGRHLGVVTGVSAFVLLL FLLL RHRHQSKHRTSAHFYRPAGAAGPEPKDQGL
QKRASPVADIQEEILNAAVKDTQPKDGVEMDARAAASEAPQDVTYAQLHSLTLRRE
ATEPPPSQEREPPAEP SIYAP LAIH

Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H ₂ O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	LILRB5 leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM
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domains), member 5 [Homo sapiens (human)]

Official Symbol LILRB5**Synonyms** LIR8; CD85C; LIR-8**Gene ID** 10990**mRNA Refseq** NM_006840**Protein Refseq** NP_006831**MIM** 604814**UniProt ID** O75023 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA