

Recombinant Human LILRB4 Protein (ECD), Fc-His-tagged(C-ter)

Cat. No. LILRB4-233H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LILRB4 Protein (ECD) with Fc-His tag (C-ter) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln22-Glu259
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. The receptor can also function in antigen capture and presentation. 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. [provided by RefSeq, Jul 2008]
Form	Powder

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Endotoxin	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
Purity	> 97% (by SDS-PAGE)
Applications	Binding, SDS-PAGE
Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	Lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C for up to one month, at 2-8°C for up to one week. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Storage Buffer	PBS (pH 7.4)
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/ml in sterile distilled water.

GENE INFORMATION

Gene Name	LILRB4 leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 4 [Homo sapiens]
Official Symbol	LILRB4
Synonyms	HM18; ILT3; LIR5; CD85K; LIR-5; LILRB5
Gene ID	11006
mRNA Refseq	NM_006847
Protein Refseq	NP_006838

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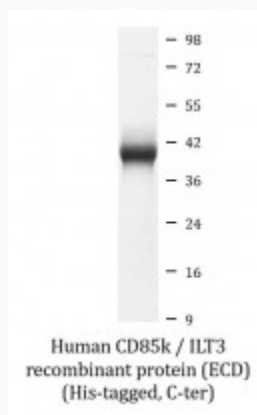
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MIM 604821

UniProt ID Q8NHJ6

SDS-PAGE



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