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## Datasheet for ABIN7319536 **LILRB5 Protein (His tag)**

### Overview

Quantity:	50 µg
Target:	LILRB5
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LILRB5 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human LILRB5/CD85c Protein (His Tag)
Sequence:	Gly24-His456
Characteristics:	Recombinant Human LILRB5 is produced by our Mammalian expression system and the target gene encoding Gly24-His456 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	LILRB5
Alternative Name:	LILRB5/CD85c ( <a href="#">LILRB5 Products</a> )
Background:	Background: Human Leukocyte Immunoglobulin-like Receptor Subfamily B Member 5 (LILRB5/CD85c/LIR-8) belongs to a family of transmembrane glycoproteins that negatively regulate immune cell activation. Mature human LIR-8 consists of a 435 amino acid (aa)

## Target Details

extracellular domain with four Iglike domains, a 21 aa transmembrane segment, and a 111 aa cytoplasmic domain with two immunoreceptor tyrosine-based inhibitory motifs (ITIM).  
Alternative splicing of human LIR-8 generates an isoform that lacks the second Ig-like domain.  
LIR-8 is expressed on NK cells and in the tryptic granules of mast cells. Following cell activation and degranulation, it is present on the mast cell surface. Activated mast cells may also release soluble forms of LIR-8.  
Synonym: Leukocyte immunoglobulin-like receptor subfamily B member 5, CD85 antigen-like family member C, Leukocyte immunoglobulin-like receptor 8, LIR-8, CD85c, LILRB5, LIR8

Molecular Weight: 47.8 kDa

UniProt: [O75023](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.  
Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.