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Datasheet for ABIN7520278

**LILRB3 Protein (His tag,AVI tag)**

## Overview

Quantity:	100 µg
Target:	LILRB3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LILRB3 protein is labelled with His tag,AVI tag.

## Product Details

Purpose:	Recombinant Human LILRB3/ILT-5/CD85a Protein
Sequence:	GPFPKPTLWA EPGSVISWGS PVTIWCQGSQ EAQEYRLHKE GSPEPLDRNN PLEPKNKARF SIPSMTEHHA GRYRCHYYSS AGWSEPSDPL EMVMTGAYSK PTLSALPSPV VASGGNMTLR CGSQKGYHHF VLMKEGEHQL PRTLDSQQLH SRGFQALFPV GPVTPSHRWR FTCYYYYTNT PWVWSHPSDP LEILPSGVSR KPSLLTLQGP VLAPGQSLTL QCGSDVGYNR FVLYKEGERD FLQRPQQPQ AGLSQANFTL GPVSPSNGGQ YRCYGAHNLS SEWSAPSDPL NILMAGQIYD TVSLSAQPGP TVASGENVTL LCQSWWQFDT FLLTKEGAAH PPLRLRSMYG AHKYQAEFPM SPVTSAHAGT YRCYGSYSSN PHLLSHPSEP LELVSGHSG GSSLPPTGPP STPGLGRYLE
Specificity:	Gly24-Glu443
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<1EU/µg

## Target Details

Target:	LILRB3
Alternative Name:	LILRB3/ILT-5/CD85a ( <a href="#">LILRB3 Products</a> )
Background:	<p>Description: Leukocyte immunoglobulin-like receptor subfamily B member 3, also known as Leukocyte immunoglobulin-like receptor 3, Immunoglobulin-like transcript 5, Monocyte inhibitory receptor HL9, CD85 antigen-like family member A, CD85a and LILRB3, is a single-pass type I membrane protein that belongs to the leukocyte receptor cluster (LRC) present on 19q13.4. LILRB3 / CD85a contains four Ig-like C2-type (immunoglobulin-like) domains. LILRB3 / CD85a contains three copies of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in the modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases. LILRB3 / CD85a 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.</p> <p>Name: LILRB3,CD85A,HL9,ILT-5,ILT5,LILRA6,LIR-3,LIR3,PIR-B,PIRB</p>
Gene ID:	11025
UniProt:	<a href="#">O75022</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.