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Datasheet for ABIN1880684

**LILRA3 Protein (AA 19-439) (His tag)**

## Overview

Quantity:	50 µg
Target:	LILRA3
Protein Characteristics:	AA 19-439
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LILRA3 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human Leukocyte Ig-Like Receptor A3/LILRA3/ILT6/CD85e (C-6His)
Sequence:	THVQAGLPK PTLWAEPGSV ITQGSPVTLR CQGSLETQEY HLYREKKTAL WITRIPQELV KKGQFPILSI TWEHAGRYCC IYGSHTVGLS ESSDPLELW TGAYSKPTLS ALPSPVVTSG GNVTIQCDSQ VAFDGFILCK EGEDEHPQCL NSHSHARGSS RAIFSVGPVS PSRRWSYRCY GYDSRAPYVW SLPSDLLGLL VPGVSKKPSL SVQPGPVVAP GEKLTFQCGS DAGYDRFVLY KEWGRDFLQR PGRQPQAGLS QANFTLG PVS RSYGGQYTCS GAYNLSSEWS APSDPLDILI TGQIRARPFL SVRPGPTVAS GENVTLLCQS QGGMHTFLLT KEGAADSPLR LSKRQSHKY QAEFPMSPVT SAHAGTYRCY GSLSSNPYLL THPSDPLELV VSGAAETLSP PQNKSDSKAG EVDHHHHHHH
Characteristics:	Recombinant Human ILT6/CD85e is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Thr19-Glu439) of Human ILT6 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

## Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	LILRA3
Alternative Name:	ILT6/CD85e ( <a href="#">LILRA3 Products</a> )
Sub Type:	Fusionprotein
Background:	<p>Leukocyte immunoglobulin-like receptor subfamily A member 3 is also known as CD85 antigen-like family member E, Immunoglobulin-like transcript 6, ILT-6, Leukocyte immunoglobulin-like receptor 4, LIR-4 and Monocyte inhibitory receptor HM43/HM31. In humans, it is encoded by the LILRA3 gene. It acts as soluble receptor for class I MHC antigens. Binds both classical and non-classical HLA class I molecules but with reduced affinities compared to LILRB1 or LILRB2. It is detected in B-cells, natural killer (NK) cells, peripheral blood monocytes and lung.</p> <p>Alternative Names: Leukocyte immunoglobulin-like receptor subfamily A member 3 is also known as CD85 antigen-like family member E, Immunoglobulin-like transcript 6, ILT-6, Leukocyte immunoglobulin-like receptor 4, LIR-4 and Monocyte inhibitory receptor HM43/HM31.</p>
Molecular Weight:	46.6 kDa
UniProt:	<a href="#">Q8N6C8</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C

## Handling

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Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	3 months

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