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## Datasheet for ABIN7535231 LILRA2 Protein (His tag)

### Overview

Quantity:	100 µg
Target:	LILRA2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LILRA2 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human LILRA2/CD85h Protein
Sequence:	GHLPKPTLWA EPGSVIIQGS PVTLRRCQGS LQAEEYHLYRE NKSASWVRR I QEPGKNGQFP IPSITWEHAG RYHCQYYSHN HSSEYSDPLE LVVTGAYSKP TLSALPSPVV TLGGNVTLQC VSQVAFDGF I LCKEGEDEHP QRLNSHSHAR GWSWAIFSVG PVSPSRRWSY RCYAYDSNSP YVWSLPSDLL ELLVPGVSKK PSLSVQPGPM VAPGESLTLQ CVSDVGYDRF VLYKEGERDF LQRPGWQPQA GLSQANFTLG PVSPSHGGQY RCYSAHNLSS EWSAPSDPLD ILITGQFYDR PSLSVQPVPT VAPGKNVTLL CQSRGQFHTF LLTKEGAGHP PLHLRSEHQA QQNQAEFRMG PV TSAHVGTY RCYSSLSSNP YLLSLPSDPL ELVSEAAET LSPSQNKTD S TTTSLGQHPQ DYTVEN
Specificity:	Gly24-Asn449
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 1 EU/µg of the protein by LAL method.

## Target Details

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Target:	LILRA2
Alternative Name:	LILRA2/CD85h ( <a href="#">LILRA2 Products</a> )
Background:	<p>Description: LILRA2 (Leukocyte immunoglobulin like receptor A2), also known as CD85H and LIR7 (Leukocyte immunoglobulin-like receptor 7). This encoded protein is an activating receptor that inhibits dendritic cell differentiation and antigen presentation and suppresses the innate immune response. It is an activating receptor highly expressed in inflammatory tissues and is involved in granulocyte and macrophage activation. LILRA2 is primarily expressed on the surface of cells of the innate immunity including monocytes, macrophages, neutrophils, basophils, and eosinophils but not on lymphocytes and NK cells. LILRA2 cross-linking on monocytes induces pro-inflammatory cytokines while inhibiting dendritic cell differentiation and antigen presentation. Diseases associated with LILRA2 include Tuberculoid Leprosy and Leprosy 3.</p> <p>Name: LILRA2,CD85H,ILT1,LIR-7,LIR7</p>
Gene ID:	11027
UniProt:	<a href="#">Q8N149</a>

## Application Details

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Restrictions: For Research Use only

## Handling

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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.