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Datasheet for ABIN7535592
LILRA1 Protein (His tag,AVI tag)

Overview

Quantity:	100 µg
Target:	LILRA1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LILRA1 protein is labelled with His tag,AVI tag.

Product Details

Purpose:	Recombinant Human LILRA1/LIR-6/CD85i Protein
Sequence:	PRTHVQAGTL PKPTLWAEFG SVITQGSPVT LWCQGILETQ EYRLYREKKT APWITRIPQE IVKKGQFPIP SITWEHTGRY RCFYGSHTAG WSEPSDPLEL VVTGAYIKPT LSALPSPVVT SGGNVTLHCV SQVAFGSFIL CKEGEDEHPQ CLNSQPRTHG WSRAIFSVGP VSPSRRWSYR CYAYDSNSPH VWSLPSDLLE LLVLGVSKKP SLSVQPGPIV APGESLTLQC VSDVSYDRFV LYKEGERDFL QLPGPQPQAG LSQANFTLGP VRSYGGQYR CSGAYNLSSE WSAPSDPLDI LIAGQFRGRP FISVHPGPTV ASGENVTLLC QSWGPFHTFL LTKAGAADAP LRLRSIHEYD KYQAEFPMSP V TSAHSGTYR CYGSLSSNPY LLSHPSDSLE LMVSGAAETL SPPQNKSDSK AGAANTLSPS QNKTASHPQD YTVEN
Specificity:	Pro17-Asn461
Purity:	> 90 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 1 EU/µg of the protein by LAL method.

Target Details

Target:	LILRA1
Alternative Name:	LILRA1/LIR-6/CD85i (LILRA1 Products)
Background:	<p>Description: Leukocyte immunoglobulin-like receptors (LILRs) are inhibitory, stimulatory or soluble receptors encoded within the leukocyte receptor complex. Some LILRs are extensively polymorphic, and exhibit evidence for balancing selection and association with disease susceptibility. LILRA1 (LIR-6) can recognize MHC (major histocompatibility complex) class I or class I-like molecules, and high levels of sequence similarity among LILRA1, LILRA2 (ILT1), LILRA3 (ILT6) and LILRB1/B2.</p> <p>Name: LILRA1,CD85I,LIR-6,LIR6</p>
Gene ID:	11024
UniProt:	O75019

Application Details

Restrictions: For Research Use only

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, 5 % trehalose, mannitol and 0.01 % Tween80.
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.