Datasheet for ABIN7489015

LILRA4 Protein (His tag)

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Overview

Quantity:	100 µg
Target:	LILRA4
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LILRA4 protein is labelled with His tag.

Product Details

Purpose:	Human LILRA4 / CD85g / ILT7 Protein, His Tag
Sequence:	Glu 24 - Asn 446
Characteristics:	Human LILRA4 Protein, His Tag is expressed from human 293 cells (HEK293). It contains AA Glu 24 - Asn 446 (Accession # P59901-1).
Purity:	90 %
Endotoxin Level:	1.0 EU per µg

Target Details

Target:	LILRA4
Alternative Name:	LILRA4 (LILRA4 Products)
Background:	Leukocyte immunoglobulin-like receptor subfamily A member 4 (LILRA4/ILT7/CD85g) is a marker of plasmacytoid dendritic cells (pDCs), which are reported to be a major source of the abnormally high levels of IFNα associated with autoimmune diseases. Targeting LILRA4 with

Target Details

	therapeutic antibodies to promote killing of these IFNα-producing pDCs is being investigated as a novel approach to alleviating the symptoms of autoimmune diseases. LILRA4 is an immunoglobulin-like protein preferentially expressed on the surface of human plasmacytoid dendritic cells (pDCs). It interacts with bone marrow stromal cell antigen 2 to control the Toll-like receptor (TLR) driven response by pDCs to viral infection. It may also be involved in modulating pDC-tumour interactions. pDCs are a source of the excess IFNα which drives autoimmune disease symptoms.
Molecular Weight:	48.5 kDa

Application Details

Comment:	This protein carries a polyhistidine tag at the C-terminus. (10xHis) The protein has a calculated MW of 48.5 kDa. The protein migrates as 60-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C
Storage Comment:	-20°C