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Datasheet for ABIN1945437

LRRC25 Protein (AA 21-165) (His tag)

Overview

Quantity:	50 µg
Target:	LRRC25
Protein Characteristics:	AA 21-165
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRRC25 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Leucine-Rich Repeat-Containing Protein 25/LRRC25 (C-6His)
Sequence:	LEPSCTVSSA DVDWNAEFSA TCLNFSGLSL SLPHNQSLRA SNVILLDL SG NGLRELPVTF FAHLQKLEVL NVLRNPLSRV DGALAARCDL DLQADCNCAL ESWHDIRRDN CSGQKPLLCW DTTSSQHNLS AFLEVSCAPG LASATVDHHH HHH
Characteristics:	Recombinant Human Leucine-rich repeat-containing protein 25/Monocyte and plasmacytoid-activated protein is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (AA 21-165) of Human LRRC25 fused with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	LRRC25
Alternative Name:	Leucine-Rich Repeat-Containing Protein 25/Monocyte and Plasmacytoid-Activated Protein (LRRC25 Products)
Background:	Leucine-rich repeat-containing protein 25(LRRC25) is a single-pass type I membrane protein and contains 3 LRR (leucine-rich) repeats. The protein expressed in plasmacytoid dendritic cells (PDC), monocyte-derived dendritic cells (MDDC), granulocytes, monocytes, B-lymphocytes, peripheral blood leukocytes, spleen, bone marrow, and, to a lesser extent, lymph nodes, fetal liver, and appendix but not in thymus. The protein may be involved in the activation of cells of innate and acquired immunity.
Molecular Weight:	16.7 kDa
UniProt:	Q8N386

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
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
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.