

Datasheet for ABIN1096407

CLEC4E Protein (AA 41-219) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CLEC4E
Protein Characteristics:	AA 41-219
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLEC4E protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CLEC4E/Mincel (C-6His)
Sequence:	RCVVTFRIFQ TCDEKKFQLP ENFTELSCYN YGSGSVKNCC PLNWEYFQSS CYFFSTDTIS WALSLKNCSA MGAHLVVINS QEEQEFLSYK KPKMREFFIG LSDQVVEGQW QWVDGTPLTK SLSFWDVGEP NNIATLEDCA TMRDSSNPRQ NWNDVTCFLN YFRICEMVGI NPLNKGKSLV DHHHHHH
Characteristics:	Recombinant Human C-Type Lectin Domain Family 4 Member E/CLEC4E is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Arg41-Leu219) of Human CLEC4E fused with a polyhistidine 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:	CLEC4E
Alternative Name:	clec4e (CLEC4E Products)
Sub Type:	Fusionprotein
Background:	<p>C-Type Lectin Domain Family 4 Member E (CLEC4E) is a 219 amino acid single-pass type II membrane protein that contains one C-type Lectin domain. It is expressed in monocytes, CLEC4E functions as a downstream target of C/EBP beta and is thought to play a role in the inflammatory response, possibly via transcriptional control of C/EBP beta. CLEC4E may play a role in the response to inflammatory stimuli in peritoneal macrophages and may be involved in immune surveillance processes under transcriptional control of CEBPB. Human CLEC4E shares 67% sequence identity with its mouse counterpart, suggesting a similar function between species. CLEC-4E exists as multiple alternatively spliced isoforms that are encoded by a gene which maps to a natural killer gene complex region on human chromosome 12.</p> <p>Alternative Names: C-Type Lectin Domain Family 4 Member E, C-Type Lectin Superfamily Member 9, Macrophage-Inducible C-Type Lectin, CLEC4E, CLECSF9, MINCLE</p>
Molecular Weight:	21.7 kDa
UniProt:	Q9ULY5

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 ddH2O.</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
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>

Handling

Expiry Date: 3 months