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Datasheet for ABIN7318316 CLEC4E Protein (His tag)

Overview

Quantity:	50 µg
Target:	CLEC4E
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 Protein (His Tag)
Sequence:	Arg41-Leu219
Characteristics:	Recombinant Human C-Type Lectin Domain Family 4 Member E is produced by our Mammalian expression system and the target gene encoding Arg41-Leu219 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CLEC4E
Alternative Name:	CLEC4E/Mincel (CLEC4E Products)
Background:	Background: 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

Target Details

monocytes, CLEC4E functions as a downstream target of C/EBP β and is thought to play a role in the inflammatory response, possibly via transcriptional control of C/EBP β . 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.

Synonym: C-Type Lectin Domain Family 4 Member E, C-Type Lectin Superfamily Member 9, Macrophage-Inducible C-Type Lectin, CLEC4E, CLECSF9, MINCLE

Molecular Weight: 21.7 kDa

UniProt: [Q9ULY5](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 μ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.