

Recombinant Human CLEC4E/Mincel Protein(C-6His)

Cat.NO.: TP04855

3th Edition

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

Description: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 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.

Form:PBS

Molecular Weight:21.7 kDa

Sequences:Arg41-Leu219

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 μ g of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.