

## Recombinant Human CLEC4E protein, His-tagged

**Cat. No.** CLEC4E-15H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human CLEC4E, fused to His-tag at N-terminus, was expressed in E.coli.                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | CLEC4E also known as C-type lectin domain family 4, member E. CLEC4E is a C-type lectin receptor expressed by a variety of antigen presenting cells including macrophages, neutrophils, dendritic cells and B cells; a variety of stimuli including stress are known to induce the expression of CLEC4E. |
| <b>Form</b>             | Liquid. In 20mM Tris 8.0 containing 10% glycerol                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 22.9kDa (200aa)                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MGSSHHHHHH SSGLVPRGSH MRCVVTFRIF QTCDEKKFQL PENFTELSCY<br>NYGSGSVKNC CPLNWEYFQS SCYFFSTDTI SWALSLKNCSAMGAHLVWIN<br>SQEEQEFLSY KPKMREFFI GLSDQVVEGQ WQWVDGTPLT KSLSFWDVGE<br>PNNIATLEDC ATMRDSSNPR QNWNDVTCFLNYFRICEMVG INPLNKGKSL                                                                        |
| <b>Purity</b>           | > 85% by SDS - PAGE                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>          | Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing                                                                                                                                 |

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cycles.

**Concentration** 0.25mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** CLEC4E C-type lectin domain family 4, member E [ Homo sapiens ]

**Official Symbol** CLEC4E

**Synonyms** CLEC4E; C-type lectin domain family 4, member E; C type (calcium dependent, carbohydrate recognition domain) lectin, superfamily member 9 , CLECSF9; C-type lectin domain family 4 member E; mincle; C-type lectin superfamily member 9; macrophage-inducible C-type lectin; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 9; MINCLE; CLECSF9;

**Gene ID** 26253

**mRNA Refseq** NM\_014358

**Protein Refseq** NP\_055173

**MIM** 609962

**UniProt ID** Q9ULY5

**Chromosome Location** 12p13.31

**Pathway** Tuberculosis, organism-specific biosystem; Tuberculosis, conserved biosystem;

**Function** binding; receptor activity; sugar binding;

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