

Datasheet for ABIN2712869

## CLEC4E Protein (Myc-DYKDDDDK Tag)

1 Image

1 Publication



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### Overview

Quantity:	20 µg
Target:	CLEC4E
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLEC4E protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

### Product Details

Characteristics:	<ul style="list-style-type: none"> <li>• Recombinant human CLEC4E protein expressed in HEK293 cells.</li> <li>• Produced with end-sequenced ORF clone</li> </ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

### Target Details

Target:	CLEC4E
Alternative Name:	Clec4e ( <a href="#">CLEC4E Products</a> )
Background:	<p>This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type II transmembrane protein is a downstream target of CCAAT/enhancer binding protein (C/EBP), beta (CEBPB) and may play a role in inflammation.</p>

## Target Details

Alternative splice variants have been described but their full-length sequence has not been determined. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region.

Molecular Weight: 24.9 kDa

NCBI Accession: [NP\\_055173](#)

## Application Details

Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

Concentration: 50 µg/mL

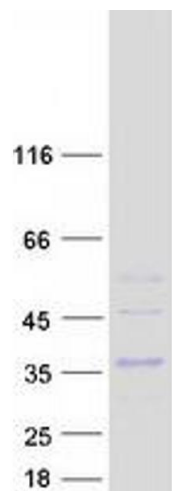
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Publications

Product cited in: Wevers, Kaptein, Zijlstra-Willems, Theelen, Boekhout, Geijtenbeek, Gringhuis: "Fungal engagement of the C-type lectin mincle suppresses dectin-1-induced antifungal immunity." in: **Cell host & microbe**, Vol. 15, Issue 4, pp. 494-505, (2014) ([PubMed](#)).



Western Blotting

**Image 1.** Validation with Western Blot