

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">• Recombinant human CLEC4E protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	CLEC4E
Alternative Name:	Clec4e (CLEC4E Products)
Background:	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.

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

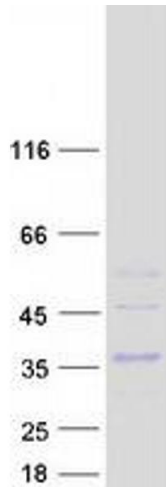
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

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: Debold, Jin, Linke, Walgenbach, Rauch, Zellmer, Fimmers, Kuhn, Hartmann, Walgenbach-Brünagel: "Calponin-h2: a potential serum marker for the early detection of human breast cancer?" in: **Tumour biology**, Vol. 35, Issue 11, pp. 11121-7, (2014) ([PubMed](#)).



Western Blotting

Image 1. Validation with Western Blot