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Product datasheet

Recombinant Human CLEC4A protein ab162371

1 Image

Description

Product name	Recombinant Human CLEC4A protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MTSEITYAEVRFKNEFKSSGINTASSAASKERTAPHKSNTG FPKLLCASL LIFFLLLAISFFIAFVIFFQKYSQLLEKKTTKELVHTTLECVKK NMPVEE TAWSCCPKNWKSFSSNCYFISTESASWQDSEKDCARME AHLLVINTQEEQ DFIFQNLQEESAYFVGLSDPEGQRHWQWVDQTPYNESST FWHPREPSDPN ERCVVLNFRKSPKRWGWNDVNCLGPQRSVCEMMKIHL
Amino acids	1 to 237
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab162371** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot
Form	Liquid
Additional notes	

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles.

pH: 8.00
Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function
May be involved in regulating immune reactivity. May play a role in modulating dendritic cells (DC) differentiation and/or maturation. May be involved via its ITIM motif (immunoreceptor tyrosine-based inhibitory motifs) in the inhibition of B-cell-receptor-mediated calcium mobilization and protein tyrosine phosphorylation.

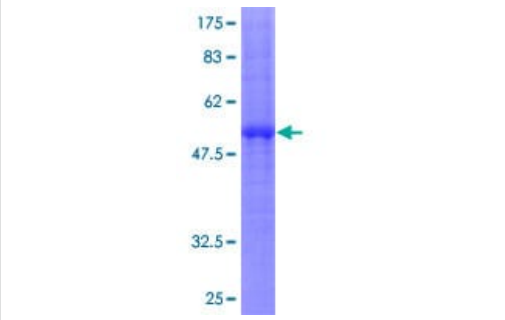
Tissue specificity
Expressed in dendritic cells, myeloid cells, B-cells and HL-60 cells (at protein level). TNF alpha, IL-1 alpha, and LPS, down-regulated expression at the surface of neutrophils (at protein level). Expressed preferentially in hematopoietic tissues. Expressed in peripheral blood leukocytes, neutrophils, moderate quantities in spleen, lymph node, and bone marrow, and at very low levels in thymus. Expressed in Ag-presenting cells (DC, monocytes, macrophages and B-cells), as well as on granulocytes. Expression was decreased in DC by signals inducing its maturation (e.g. CD40 ligand, LPS, and TNF alpha).

Sequence similarities
Contains 1 C-type lectin domain.

Domain
Contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.

Cellular localization
Membrane.

Images



SDS-PAGE - Recombinant Human CLEC4A protein (ab162371)

ab162371 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

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