

Recombinant Human CLEC4E Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CLEC4E-2109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CLEC4E MS Standard C13 and N15-labeled recombinant protein (NP_055173) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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. 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 Mass	25.1 kDa
AA Sequence	MNSSKSSETQCTERGCFFSSQMFLWTVAGIPILFLSACFITRCVVTFRIFQTCDEKKFQ LPENFTELSCYNYGSGSVKNCCPLNWEYFQSSCYFFSTDITISWALSLKNCSAMGAH LVVINSQEEQEFLSYKKPKMREFFIGLSDQVVEGQWQWVDGTPLTKSLSFWDVGE NNIATLEDCATMRDSSNPRQNWNDVTCFLNYFRICEMVGINPLNKGKSLTRTRPLEQ

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CLEC4E C-type lectin domain family 4 member E [Homo sapiens (human)]
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

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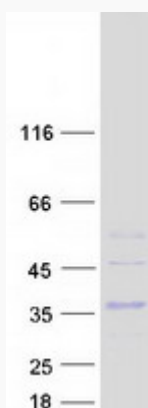
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MIM 609962

UniProt ID Q9ULY5

SDS-PAGE



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