

# Recombinant Full Length Human CLEC12A Protein, N-His-tagged

**Cat. No.** CLEC12A-6910HFL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human CLEC12A (EAW96132.1) extracellular domain (His 75-Ala 275), fused with a polyhistidine tag at the N-terminus, was produced in Human Cell. The protein was labeled with FITC in vitro.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	221aa
<b>Description</b>	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 signaling, glycoprotein turnover, and roles in inflammation and immune response. The protein encoded by this gene is a negative regulator of granulocyte and monocyte function. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. This gene is closely linked to other CTL/CTLD superfamily members in the natural killer gene complex region on chromosome 12p13.
<b>Form</b>	PBS, pH 7.4
<b>Molecular Mass</b>	The recombinant human CLEC12A consists of 221 amino acids and has a calculated

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molecular mass of 26 kDa. The apparent molecular mass of rhCLEC12A is approximately 40-45 kDa in SDS-PAGE under reducing conditions.

**Stability** Samples are stable for up to twelve months from date of receipt at -70 centigrade.

**Storage** Store it under sterile conditions at -20 centigrade - -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Concentration** 0.75 mg/ml

## GENE INFORMATION

**Gene Name** CLEC12A C-type lectin domain family 12 member A [ Homo sapiens (human) ]

**Official Symbol** CLEC12A

**Synonyms** CLL1; MICL; CD371; CLL-1; DCAL-2

**Gene ID** 160364

**mRNA Refseq** NM\_001207010.2

**Protein Refseq** NP\_001193939.1

**MIM** 612088

**UniProt ID** Q5QGZ9

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