Recombinant Human CLEC12A Protein (His75-Ala275), N-His tagged, FITC Labeled

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Human Cells
ProteinLength	His75-Ala275
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 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.
Molecular Mass	The recombinant human CLEC12A consists of 221 amino acids and has a calculated molecular mass of 26 kDa. The apparent molecular mass of rhCLEC12A is approximately 40-45 kDa in SDS-PAGE under reducing conditions.

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Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.75 mg/mL
Storage Buffer	PBS, pH 7.4
Conjugation	FITC

GENE INFORMATION

Gene Name	CLEC12A C-type lectin domain family 12, member A [Homo sapiens (human)]
Official Symbol	CLEC12A
Synonyms	CLEC12A; C-type lectin domain family 12, member A; C-type lectin domain family 12 member A; CLL 1; MICL; C-type lectin superfamily; C-type lectin protein CLL-1; C-type lectin-like molecule-1; dendritic cell-associated lectin 2; myeloid inhibitory C-type lectin-like receptor; CLL1; CLL-1; DCAL-2; MGC70602
Gene ID	160364
mRNA Refseq	NM_001207010
Protein Refseq	NP_001193939
MIM	612088
UniProt ID	Q5QGZ9

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