

## Recombinant Human COLEC12 Protein, MYC/DDK-tagged

Cat. No. COLEC12-3309H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human COLEC12 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the C-lectin family, proteins that possess collagen-like sequences and carbohydrate recognition domains. This protein is a scavenger receptor, a cell surface glycoprotein that displays several functions associated with host defense. It can bind to carbohydrate antigens on microorganisms, facilitating their recognition and removal. It also mediates the recognition, internalization, and degradation of oxidatively modified low density lipoprotein by vascular endothelial cells.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	81.3 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	COLEC12 collectin sub-family member 12 [ Homo sapiens ]
<b>Official Symbol</b>	COLEC12
<b>Synonyms</b>	CLP1; NSR2; SCARA4; SRCL
<b>Gene ID</b>	81035
<b>mRNA Refseq</b>	NM_130386
<b>Protein Refseq</b>	NP_569057
<b>MIM</b>	607621
<b>UniProt ID</b>	Q5KU26

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