

## Recombinant Human COLEC11 Protein, MYC/DDK-tagged

Cat. No. COLEC11-3297H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human COLEC11 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>This gene encodes a member of the collectin family of C-type lectins that possess collagen-like sequences and carbohydrate recognition domains. Collectins are secreted proteins that play important roles in the innate immune system by binding to carbohydrate antigens on microorganisms, facilitating their recognition and removal. The encoded protein binds to multiple sugars with a preference for fucose and mannose. Mutations in this gene are a cause of 3MC syndrome-2. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	28.8 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>	COLEC11 collectin sub-family member 11 [ Homo sapiens ]
<b>Official Symbol</b>	COLEC11
<b>Synonyms</b>	3MC2; CL-K1-I; CL-K1-II; CL-K1-IIa; CL-K1-IIb; CLK1
<b>Gene ID</b>	117602
<b>mRNA Refseq</b>	NM_001255982.1
<b>Protein Refseq</b>	NP_001242911.1
<b>MIM</b>	612502
<b>UniProt ID</b>	Q9BWP8

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