

Recombinant Human COLEC11 Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant Human COLEC11 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	28.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	COLEC11 collectin sub-family member 11 [Homo sapiens]
Official Symbol	COLEC11
Synonyms	3MC2; CL-K1-I; CL-K1-II; CL-K1-IIa; CL-K1-IIb; CLK1
Gene ID	117602
mRNA Refseq	NM_001255982.1
Protein Refseq	NP_001242911.1
MIM	612502
UniProt ID	Q9BWP8

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