

Recombinant Human COLEC11 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. COLEC11-6223H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	COLEC11 MS Standard C13 and N15-labeled recombinant protein (NP_954705) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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.
Molecular Mass	29 kDa
AA Sequence	MTPALCRSSSLASKGMRERRETKAPPDGLEESAPREKKQSQPVV TASDISKRKCTS SFVEMGSQGDMDKGQKGSVGRHGKIGPIGSKGEKGDSDIGPPGPNGEPGLPC ECSQLRKAIGEMDNQVSQLTSELKFIKNAVAGVRETESKIYLLVKEEKRYADAQLSC QGRGGTLSMPKDEAANGLMAAYLAQAGLARVFIGINDLEKEGAFVYSDHSPMRTFN KWRSGEPNNAYDEEDCVEMVASGGWNDVACHTTMYFMCEFDKENMTRTRPLEQ

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KLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

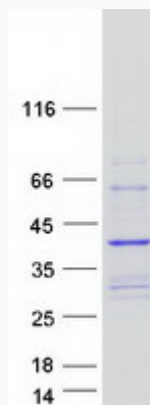
Gene Name	COLEC11 collectin sub-family member 11 [Homo sapiens (human)]
Official Symbol	COLEC11
Synonyms	COLEC11; collectin sub-family member 11; MGC3279;
Gene ID	78989
mRNA Refseq	NM_199235
Protein Refseq	NP_954705
MIM	612502
UniProt ID	Q9BWP8

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SDS-PAGE



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