

Recombinant Mouse Colec11 Protein, Myc/DDK-tagged

Cat. No. Colec11-2245M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length collectin sub-family member 11 (Colec11), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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 the human gene are a cause of 3MC syndrome-2. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	29 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Colec11 collectin sub-family member 11 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Colec11](#)

Synonyms COLEC11; collectin sub-family member 11; collectin-11; CL-K1; collectin kidney protein 1; 1010001H16Rik; MGC129470; MGC129471

Gene ID [71693](#)

mRNA Refseq [NM_027866](#)

Protein Refseq [NP_082142](#)

UniProt ID [Q3SXB8](#)

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