

Recombinant Human COLEC11, GST-tagged

Cat. No. COLEC11-11445H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COLEC11 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	18-271a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	COLEC11 collectin sub-family member 11 [Homo sapiens]
Official Symbol	COLEC11
Synonyms	COLEC11; collectin sub-family member 11; MGC3279;
Gene ID	117602
MIM	612502
UniProt ID	Q9BWP8
Chromosome Location	2p25.3

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