

Recombinant Full Length Human COLEC11 Protein, GST-tagged

Cat. No. COLEC11-2194HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COLEC11 full-length ORF (NP_076932.1, 1 a.a. - 271 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	271 amino acids
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. [provided by RefSeq, Dec 2011]
Molecular Mass	55.1 kDa
AA Sequence	MRGNLALVGVLISLAFLSLLPSGHPQPAGDDACSVQILVPGLKGDAGEKGDKGAPG RPGRVGPTEKEGDMGDKGQKGSVGRHGKIGPIGSKGEKGDSDIGPPGPNGEPG LPCECSQLRKAIGEMDNQVSQLTSELKFIKNAVAGVRETESKIYLLVKEEKRYADAQL SCQGRGGTLSMPKDEAANGLMAAYLAQAGLARVFIGINDLEKEGAFVYSDHSPMRT

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FNKWRSGEPNNAAYDEEDCVEMVASGGWNDVACHTTMYFMCEFDKENM

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[COLEC11 collectin sub-family member 11 \[Homo sapiens \]](#)

Official Symbol

[COLEC11](#)

Synonyms

COLEC11; collectin sub-family member 11; MGC3279

Gene ID

[78989](#)

mRNA Refseq

[NM_001255982](#)

Protein Refseq

[NP_001242911](#)

MIM

[612502](#)

UniProt ID

[Q9BWP8](#)

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