

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	<p>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]</p>
Molecular Mass	55.1 kDa
AA Sequence	<p>MRGNLALVGVLI SLAFLSLLPSGHPQPAGDDACSVQILVPGLKGDAGEKGDKGAPG RPGRVGP TGEK GDMGDKGQKGSVGRHGKIGPIGSKGEKGDSDIGPPGPNGE PG LPCECSQLRKAIGEMDNQVSQ L TSELKFIKNAVAGVRETESKIYLLVKEEKRYADAQL SCQGRGGTLSMPKDEAANGLMAAYLAQAGLARVFIGINDLEKEGAFVYSDHSPMRT</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

FNKWRSGEPNAYDEEDCVEMVASGGWNDVACHTTMYFMCEFDKENM

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA