

## Product datasheet for **TP303199M**

### COLEC11 (NM\_199235) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human collectin sub-family member 11 (COLEC11), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203199 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTPALCRSSSLASKGMRRERRETKAPPDGLLEESAPREKKQSQPVVTASDISKRKCTSSFVEMGSQGDMDGDK  
GQKGSVGRHGKIGPIGSKGEKGDSDIGPPGPNGEPLPCECSQLRKAIGEMDNQVSQLTSELKFIKNAV  
AGVRETESKIYLLVKEEKRYADAQLSCQGRGGTLSMPKDEAANGLMAAYLAQAGLARVFIGINDLEKEGA  
FVYSDHSPMRTFNKWRSGEPNNAYDEEDCVMVASGGWNDVACHTTMYFMCEFDKENM

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	28.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_954705</a></u>
Locus ID:	78989



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UniProt ID: [Q9BWP8](#)

RefSeq Size: 1784

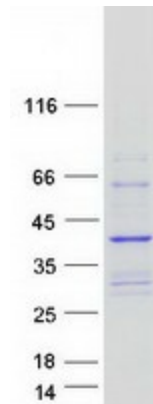
Cytogenetics: 2p25.3

RefSeq ORF: 804

Synonyms: 3MC2; CL-11; CL-K1-I; CL-K1-II; CL-K1-IIa; CL-K1-IIb; CLK1

**Summary:** 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]

### Product images:



Coomassie blue staining of purified COLEC11 protein (Cat# [TP303199]). The protein was produced from HEK293T cells transfected with COLEC11 cDNA clone (Cat# [RC203199]) using MegaTran 2.0 (Cat# [TT210002]).