

Product datasheet for **SC118974**

Galectin 10 (CLC) (NM_001828) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Galectin 10 (CLC) (NM_001828) Human Untagged Clone
Tag: Tag Free
Symbol: Galectin 10
Synonyms: Gal-10; GAL10; LGALS10; LGALS10A; LPPL_HUMAN
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_001828 edited
 ATGTCCCTGCTACCCGTGCCATACACAGAGGCTGCCTCTTTGTCTACTGGTTCTACTGTG
 ACAATCAAAGGGCGACCACTTGTCTGTTTCTTGAATGAACCATATCTGCAGGTGGATTC
 CACACTGAGATGAAGGAGGAATCAGACATTGTCTTCCATTTCCAAGTGTGCTTTGGTCGT
 CGTGTGGTCATGAACAGCCGTGAGTATGGGGCCTGGAAGCAGCAGGTGGAATCCAAGAAC
 ATGCCCTTTCAGGATGGCCAAGAATTTGAACTGAGCATCTCAGTGTGCCAGATAAGTAC
 CAGGTAATGGTCAATGGCCAATCCTCTTACACCTTTGACCATAGAATCAAGCCTGAGGCT
 GTGAAGATGGTGAAGTGTGGAGAGATATCTCCCTGACCAAAATTAATGTCAGCTATTTA
 AAGAGATAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_001828 unedited
 NGGGAAGTTCACAATTTGTATACGACTCACTATAGGCGGCCGCGAAATTCGCACGAGAAT
 CAGAAGAGCCACCCAGNAAGGAAACAACAATGTCCTGCTACCCGTGCCATACACAGAGG
 CTGCCCTTTGTCTACTGGTTCTACTGTGACAATCAAAGGGCGACCACTTGTCTGTTTCT
 TGAATGAACCATATCTGCAGGTGGATTTCCACACTGAGATGAAGGAGGAATCAGACATTG
 TCTTCCATTTCCAAGTGTGCTTTGGTCGTCGTGGTCATGAACAGCCGTGAGTATGGGG
 CCTGGAAGCAGCAGGTGGAATCCAAGAACATGCCCTTTCAGGATGGCCAAGAATTTGAAC
 TGAGCATCTCAGTGTGCCAGATAAGTACCAGGTAATGGTCAATGGCCAATCCTCTTACA
 CCTTTGACCATAGAATCAAGCCTGAGGCTGTGAAGATGGTGAAGTGTGGAGAGATATCT
 CCCTGACCAAAATTAATGTCAGCTATTTAAAGAGATAACCCAGACTTCATGTTGCCAAGGA
 ATCCCTGTCTCTACGTGAACTTTGGGATTCCAAAGCCAGCTAACAGCATGATCTTTTCTCA
 CTTCAATCCTTACTCCTGCTCATTAAAACCTTAATCAAACCTTCNNAAAAANAAAAANNAN
 NNAAAAANANNNNNAANNAANNAANNAANNAANNAANNAANNAANNAANNAANNAANNA
 ANNAANNAANNAANNAANNAANNAANNAANNAANNAANNAANNAANNAANNAANNAANNA
 AACAAATCCCGGGGGGATTCCCTGGCACCTCCCAAGGGCTTTTCTGGCCCTTGGAAAT
 GGCCCTTCAAGGCCCCCCAGCTTTGCCTAAAAAATAAAGTGCCTCTTTTGGCCAACA
 AGGGGC



[View online »](#)

Restriction Sites:	NotI-NotI
ACCN:	NM_001828
Insert Size:	3500 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001828.4</u> , <u>NP_001819.2</u>
RefSeq Size:	641 bp
RefSeq ORF:	429 bp
Locus ID:	1178
UniProt ID:	<u>Q05315</u>
Cytogenetics:	19q13.2
Domains:	Gal-bind_lectin
Protein Families:	Secreted Protein
Gene Summary:	Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. The protein encoded by this gene is a lysophospholipase expressed in eosinophils and basophils. It hydrolyzes lysophosphatidylcholine to glycerophosphocholine and a free fatty acid. This protein may possess carbohydrate or IgE-binding activities. It is both structurally and functionally related to the galectin family of beta-galactoside binding proteins. It may be associated with inflammation and some myeloid leukemias. [provided by RefSeq, Jul 2008]