

Product datasheet for **SC108741**

LGALS14 (NM_020129) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LGALS14 (NM_020129) Human Untagged Clone
Tag: Tag Free
Symbol: LGALS14
Synonyms: CLC2; PPL13
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_020129 edited
 ATGTCATCACTACCCGTACCATACACACTGCCTGTTTCCTTGCTGTTGGTTCGTGCGTG
 ATAATCACAGGGACACCGATCCTCACTTTTGTCAAGGACCCACAGCTGGAGGTGAATTC
 TACACTGGGATGGATGAGGACTCAGATATTGCTTTCCAATTCCGACTGCACCTTGGTCAT
 CCTGCAATCATGAACAGTTGTGTGTTTGGCATATGGAGATATGAGGAGAAATGCTACTAT
 TTACCCTTTGAAGATGGCAAACCATTTGAGCTGTGCATCTATGTGCGTCACAAGGAATAC
 AAGGTAATGGTAAATGGCCAACGCATTTACAACCTTTGCCATCGATTCGCCCAGCATCT
 GTGAAGATGCTGCAAGTCTTCAGAGATATCTCCCTGACCAGAGTGCTTATCAGCGATTGA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_020129 unedited
 CGGGGTCCACCATTAGTAATACGACTTACTATAGNNGGCGCCGNAATTCGGCACCAG
 GACAGAACAATGTCATCACTACCCGTACCATACACACTGCCTGTTTCCTTGCCTGTTGGT
 TCGTGCATGATAATCACAGGGACACCGATCCTCACTTTTGTCAAGGACCCACAGCTGGAG
 GTGAATTTCTACACTGGGATGGATGAGGACTCAGATATTGCTTTCCAATTCCGACTGCAC
 TTTGGTCATCCTGCAATCATGAACAGTTGTGTGTTTGGCATATGGAGATATGAGGAGAAA
 TGCTACTATTTACCCTTTGAAGATGGCAAACCATTTGAGCTGTGCATCTATGTGCGTCAC
 AAGGAATAACAAGTAATGGTAAATGGCCAACGCATTTACAACCTTTGCCATCGATTCGCC
 CCAGCATCTGTGAAGATGCTGCAAGTCTTCAGAGATATCTCCCTGACCAGAGTGCTTATC
 AGCGATTGAGGGAGATGATCAGACTCCTATTGCTGAGGAATCCCTCTTTCTACCTGACC
 ATGGGAATTCAGAGCCTACTAACAGAATAATCCCTCCTTACCCTTCCCTACACTTGA
 TCATTAACAGCACCAACCTTAAAAAAAAAAAAAAAAAACTTGACTGTAGAATTGCG
 GCCCGGCCATAGCTTGTCCCTGAACAATTCCTGGTGGCATTCCCTGTGACCCCTCCC
 CATTGCCCTTCTGGCCCTTGGAAAGTGCCACTCCGGGGCCACCACCTTGGCCTCAA
 AAAATAAAACTGCATACATTTTGTGACATAGGGGCCCTTCTAAATTAATGGGGGG
 GCGGGGGGGGATTGACCACCGCAACCATGTTACCACACACCCGACCACAACCACCAC
 AAAAAACCCCGACCTACATACC

Restriction Sites: NotI-NotI



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ACCN:	NM_020129
Insert Size:	600 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_020129.2</u> , <u>NP_064514.1</u>
RefSeq Size:	794 bp
RefSeq ORF:	420 bp
Locus ID:	56891
UniProt ID:	<u>Q8TCE9</u>
Cytogenetics:	19q13.2
Domains:	Gal-bind_lectin
Protein Families:	Transmembrane
Gene Summary:	<p>This gene is predominantly expressed in placenta. The encoded protein belongs to the galectin (galaptin/S-lectin) family. The members of galectin family contain one or two carbohydrate recognition domains, which can bind beta-galactoside. Two alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) appears to be the major transcript. It lacks an exon compared to variant 2. The resulting isoform (1) has a distinct and shorter N-terminus, as compared to isoform 2.</p>