

Product datasheet for **SC308200**

LGALS14 (NM_203471) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LGALS14 (NM_203471) Human Untagged Clone
Tag:	Tag Free
Symbol:	LGALS14
Synonyms:	CLC2; PPL13
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_203471 edited ATGTCCCTGACCCACAGGCTTCATTTGTGCAAGTACTGGGGCTGTGCTGTCAGTAATGTG TGCCGCTTCTGGGAAGGACGCTCCATTGCCCTTGATGATTGTGGTACCATACACACTGCCT GTTTCCTTGCCTGTTGGTTCGTGCGTGATAATCACAGGGACACCGATCCTCACTTTTGTC AAGGACCCACAGCTGGAGGTGAATTTCTACACTGGGATGGATGAGGACTCAGATATTGCT TTCCAATTCGACTGCACCTTTGGTCATCCTGCAATCATGAACAGTTGTGTGTTGGCATA TGGAGATATGAGGAGAAATGCTACTATTTACCCTTTGAAGATGGCAAACCATTTGAGCTG TGCATCTATGTGCGTCACAAGGAATAACAAGTAATGGTAAATGGCCAACGCATTTACAAC TTTGCCCATCGATTCCC GCCAGCATCTGTGAAGATGCTGCAAGTCTTCAGAGATATCTCC CTGACCAGAGTGCTTATCAGCGATTGAGGGAGATGATCAGACTCCTCATTGTTGAGGAAT CCCTCTTCTACCTGACCATGGGATTCCCAGAGCCTACTAACAGAATAATCCCTCCTCAC CCCTTCCCTACACTTGATCATTAAAACAGCACCAAACCTCAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_203471
Insert Size:	700 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.



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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_203471.1, NP_982297.1</u>
RefSeq Size:	1099 bp
RefSeq ORF:	507 bp
Locus ID:	56891
UniProt ID:	<u>Q8TCE9</u>
Cytogenetics:	19q13.2
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 (2) encodes the longer isoform (2).</p>