

Product datasheet for SC123632

Galectin 8 (LGALS8) (BC014452) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galectin 8 (LGALS8) (BC014452) Human Untagged Clone
Tag:	Tag Free
Symbol:	Galectin 8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for BC014452 edited</p> <pre> CAATGGAGGTCACCTCCACTGTCACTACAAATCCGGGAAGGAAACTTCCCAGATTCCCT CACTTGGAGGTGGCGCTCGGCCTCAGGCTAGGAGGGAACAGGTGAGAAAGCAGCCAGGT GGGGTGGGTTTGCAGCGAGGAGACACCCAGGGCAAAACAGCCTGACCCCAGCCAGGGATG TCCAAGAAAGGCCGCGACTCCTGATAATCCCTTATGCCCGGAGCGCCTCGCCTGCAGAG GCAGCGTCCCCGCCACCCAGCCCCGGCTCTGCCGCGGTGAGGACCGGCGGGTCCGGGTGG ACTGGACTGTCCCACCCATCAAATGGTGATTTAGGAGCCGTGACATCCGAATGCCATC CTCCAATGGCGAGACCCTCAGAGCAGCCACGCCTCTAGCGACTGCCCGCCACCCGAGGC CGGGGGTCCGCGGACTCACCCAAAGACTGGTGTTCAGGCGCTCCACGGAGCAGGTTGTT TGTCAGCAGCTAAGTGCCGTGAGGTTCCCGGCTCTGGCGTCCGTGGGCGGCTACGGGAA GCGACAGGAGTCAGTCCCTCGTTCACTTCCCGGCTCGCGCGCTCACTGCTGTGGTCTCCC CACCTCCCCGCGCCCCGCTTCTGTGTCTGGGCGTCCCTGGCGGCTCTGCTGGATTTT GGACAGGGACCCGCGCTGATCGCCACCCAGCTCGGCCTCCTGCACAGCCTCTGGAGCCT TGGACCGGACTGGCTTGTGTGGGACGAGCACAGAGGGATAAGGACAAAGAATGTGTCC TGGGTGGATCTGGCTGCCTTTGCCCGAAAGCGGAGTGGGGTGGGAGGTGGTAGGAAAAT GGGAAGGAAAGAAAAGAAAGGTGGGCCGACGTCCACCTGGCTGTTCCAGGCCTCCAGGTC TAGGAGGGAGGGCGCTCGGGCTGGGACTTTTCAGGACCAGGGTGGTACCACAGGCC CCGCCTGCCTGGACCAAGCGCTGGCCTTCCCGGGCGCCAGGTCCACGGGGTCAACGCC AGGTTTTCTCAGCTTCTCGTCTGCCTCGGATCCAAGTCCAGACAGTCCAGAAGAGAC TTGGAGGCGCTGCTTTTTGACAGTACACACCTCTGTATGCAGGTGAAACGGTGGGGGAAG GGTTACGTACGCTGGACTGTGCCAGCCCAAGCTCCCCATCCGTTAGTGATAACTTGGAC TCGCAGCCACTCCGCGTCACTCGCCGGTTATCCTGCGTGTGGGTGTTTTCTCAAATTGG ACACTTAGGGAACAGTTTAAGCAGTATGGAGCACAATTCTGTGCCTATTAGATGCTCTTA AATACCCGACTTCTCAGGGCCCTACACTGACTGATAGTTTGACCTATTGGCTGTAACAC ACCAGCCAGAAAATACAAATAAAGTTAAACAAAGTCATGTCAGCCACTTGGAAAAAAAAA AAAAAAAAA </pre>



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC014452 unedited NNAAGTGCAGGTCTTTTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGG CAATGGAGGTCACTCCACTGTCACTACAAATCCGGGAAGGAACTTCCCAGATTCTC CACTTGGAGGTGGCGCTCGGCCTCAGGCTAGGAGGGAACAGGTGAGAAAGCAGCCAGGT GGGGTGGGTTTGCAGCGAGGAGACACCCAGGGCAAACAGCCTGACCCCAGCCAGGGATG TCCAAGAAAGGCCGCGACTCTGATAATCCCTTATGCCCCGAGCGCCTCGCTGCAGAG GCAGCGTCCCCGCCACCCAGCCCCGGCTCTGCCGCGGTGAGGACCGCGGGTCCGGGTGG ACTGGACTGTCCACCCATCAAATGGTGATTTAGGAGCCGTGACATCCGAATGCCATC CTCCACTGGCGAGACCCTCAGAGCAGCCACGCCTTAGCGACTGCCCGCCACCCGAGGC CGGGGTTCGCGCGACTACCCAAAGACTGGTGTTCAGGCGCTCCACGGAGCAGTTGTT TGTGACAGCTAAGTGCCGTGAGGTTCCCGGCTCTGGCGTCCGTGGGCGGTACGGGAA GCGACAGGAGTCAGTCTCGTTCACTTCCCGGCTCGCGCGCTCACTGCTGTGGTCTCC CACCTCCCCGCGCCCGCTTCTGTGTCTGGGGCTCCCTGGCGCTCTGCTGGATTTT GGACAGGACCCCGCTGATCGCCACCCAGCTCGGCCTCTGCACAGCCTCTGGAGCCT TGGACCGGACTGGCTTGTGTGGGACGACAGAGGGATAAGGACAAAGAATGTGTCC TGGGTGGATCTGGCTGCCTTTGCCCGGAGCGGATGC
Restriction Sites:	Please inquire
ACCN:	BC014452
Insert Size:	1448 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:	BC014452.1 , AAH14452.1
RefSeq Size:	1448 bp
Locus ID:	3964
Cytogenetics:	1q43

Gene Summary:

This gene encodes a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. This gene is widely expressed in tumoral tissues and seems to be involved in integrin-like cell interactions. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]