

Product datasheet for **SC320097**

Galectin 13 (LGALS13) (NM_013268) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galectin 13 (LGALS13) (NM_013268) Human Untagged Clone
Tag:	Tag Free
Symbol:	Galectin 13
Synonyms:	GAL13; PLAC8; PP13
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for NM_013268.2</p> <p>AGAAGACTGGACTCAATTCTGAAGGTCGCCAAGAAGGAGAGAACAATGTCTTCTTTACCC GTGCCATACAAACTGCCTGTGTCTTTGTCTGTTGGTTCTGCGTGATAATCAAAGGGACA CCAATCCACTCTTTTATCAATGACCCACAGCTGCAGGTGGATTTCTACACTGACATGGAT GAGGATTGAGATATTGCCTTCCGTTTCCGAGTGCACTTTGGCAATCATGTGGTCATGAAC AGGCGTGAGTTTGGGATATGGATGTTGGAGGAGACAACAGACTACGTGCCCTTTGAGGAT GGCAAACAATTTGAGCTGTGCATCTACGTACATTACAATGAGTATGAGATAAAGGTCAAT GGCATACGCATTTACGGCTTTGTCCATCGAATCCCGCCATCATTGTGAAGATGGTGCAA GTGTCGAGAGATATCTCCCTGACCTCAGTGTGTGTCTGCAATTGAGGGAGATGATCACAC TCCTCATTGTTGAGGAATCCCTCTTTCTACCTGACCATGGGATTCCAGAACCTGCTAAC AGAATAATCCCTGCTCACATTTTCCCTACACTTTGTCATTAAACAGCACGAAACTCA CAAAGAAAAAAAAAAAAAAAAA</p>
Restriction Sites:	Please inquire
ACCN:	NM_013268
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_013268.2, NP_037400.1</u>
RefSeq Size:	610 bp
RefSeq ORF:	420 bp
Locus ID:	29124
UniProt ID:	<u>Q9UHV8</u>
Cytogenetics:	19q13.2
Gene Summary:	Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. The protein encoded by this gene has lysophospholipase activity. It is composed of two identical subunits which are held together by disulfide bonds. This protein has structural similarity to several members of the beta-galactoside-binding S-type lectin family. [provided by RefSeq, Jul 2008]