

Product datasheet for **SC300260**

LCN9 (NM_001001676) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LCN9 (NM_001001676) Human Untagged Clone
Tag:	Tag Free
Symbol:	LCN9
Synonyms:	HEL129
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001001676 edited ATGGCTCTGCTTCTGCTGAGCCTGGGGCTGAGCCTCATCGACCCAGGAGTTCGATCCC CACACCGTTATGCAGAGGAACACTACAACGTGGCCAGGGTTTCAGGGGTCTGGTATTCTATT TTCATGGCCTCAGATGACCTGAATCGGATTAAGAAAATGGAGACCTGAGGGTCTTCGTC CGGAATATTGAACACTTGAAGAACGGCAGCCTAATATTTGATTTGAAATACATGGTGCAG GGGAGTGTGGCTGTGGTCTGCGAGAAGACAGAGAAGAATGGGAATACTCC ATCAACTATGAGGGCCAGAACACAGTGGCCGTCTCGGAGACTGACTACAGGCTGTTCATC ACCTTCCACCTCCAGAACTTCAGGAACGGGACCGAGACCCACACGCTGGCGCTCTATGAA ACCTGCGAAAAGTACGGACTTGGCTCACAAAATATCATCGACTTGACCAACAAAGATCCC TGCTACTCCAAGCATTACAGGAGCCCGCCAGGCCTCCCATGCGGTGTAA
Restriction Sites:	Please inquire
ACCN:	NM_001001676
Insert Size:	530 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001001676.1.
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).



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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_001001676.1</u> , <u>NP_001001676.1</u>
RefSeq Size:	531 bp
RefSeq ORF:	531 bp
Locus ID:	392399
UniProt ID:	<u>Q8WX39</u>
Cytogenetics:	9q34.3
Protein Families:	Secreted Protein
Gene Summary:	Members of the lipocalin family, such as LCN9, have a common structure consisting of an 8-stranded antiparallel beta-barrel that forms a cup-shaped ligand-binding pocket or calyx. Lipocalins generally bind small hydrophobic ligands and transport them to specific cells (Suzuki et al., 2004 [PubMed 15363845]).[supplied by OMIM, Aug 2009]