

Product datasheet for **SC122444**

LDHAL6A (BC014340) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LDHAL6A (BC014340) Human Untagged Clone
Tag:	Tag Free
Symbol:	LDHAL6A
Synonyms:	lactate dehydrogenase A-like 6A; MGC23940
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for BC014340 edited</p> <pre>GGGGAGAGGCGCAGGCGGGTGCTTCGCAGCCCGCTTCCGGCCTCACACCTGCCAAGCAT CACACCTGCCAAGCATCACACCTGCCAAGCATCACACCTGCCAAGCATCACACCTGCGAT GCCTGCACGAGCTGGGTGCGGTCCGCGCAGCTGCAGTAAGGGGGCGACCCGGCGTCTGTT AGTCGGCGGTTTCATCTCCTTCGTGCCTCGATGAGCTTTAACGCCATTTTCCTCCATTCTC TTTCTTCACCTCTTGAGTTTCCAAGATGGCAACTATCAAGAGTGAACCTATTAAGAATTT CGCGGAAGAGGAGGCCATTCATCACAATAAGATCTCCATTGTAGGAAGTGGATCGGTTGG TGTGGCTTGTGCTATCAGCATCTTATTAAGGTTTGTAGTGAACCTGTCTTGTGGA TGTGTGTAAGGCAAACTGAAGGGTGAGACAATGGATCTTCAACATGGCAGCCCTTTAT GAAAATGCCAAATATTGTCTCCAGCAAAGATTACCTGGTCACTGCAAACCTCAATCTAGT GATTATCACAGCAGGTGCACGCCAGAAAAAGGAGAAACACGCCCTTGATTTAGTCCAGCG AAATGTATCCATCTTTAAATTAATGATTCCGAATATTACCCAGTACAGTCCTCACTGCAA ACTGCTTATTGTTACTAATCCAGTGGATATCTTAACTTATGTAGCCTGGAAGTTGAGTGG ATTTCCAAAAACCGTGTATTGGAAGTGGTGTAACTCTGGACTCTGCTCGTTTTCGTTA CTTTATTGGGCAAAGGCTTGGCATCCACTCTGAAAGCTGTGATGGGCTGATCCTTGGAGA GCATGGCGACTCAAGTGTCTGTGTGGAGTGGTGTGAACATTGCTGGCGTCCCTCTGAA GGATCTGAACCCAGATATAGGAAGTATAAGGATCCTGAGCAGTGGGAAAATGTCCACAA AAAAAAGTGATTTCCAGTGGCTATGAGATGGTCAAAATGAAAGTTATACTTCTTGGGGC ATTAGCCTATCTGTAGCTGATTTACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA</pre>



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC014340 unedited NCCGCAGTTCGGATTTGTATACNACTCATATAGGGCGGCCGGAATTCGCCATTACGGCC GGGGAGAGGGCGCAGGCGCGGTTCGTCAGCCCCTCCGGCCTCACACCTGCCAAGCAT CACACCTGCCAAGCATCACACCTGCCAAGCATCACACCTGCCAAGCATCACACCTGCGAT GCCTGCACGAGCTGGGTGCGGTCCGCGCAGCTGCAGTAAGGGGGCGACCCGGCGTCTGTT AGTCGGCGGTTTCATCTCCTTCGTGCCTCGATGAGCTTTAACGCCATTTTCTCCATTCTC TTTCTTACCTCTTGAGTTTCCAAGATGGCAACTATCAAGAGTGAACCTATTAAGAATTT CGCGGAAGAGGAGGCCATTCATACAATAAGATCTCCATTGTAGGAACTGGATCGGTTGG TGTGGCTTGTGCTATCAGCATCTTATTAAGGTTTGTAGTGATGAACTTGCCTTGTGGA TGTTGATGAAGGCAAACCTGAAGGGTGAGACAATGGATCTTCAACATGGCAGCCCTTTTAT GAAAATGCCAAATATTGTCTCCAGCAAAGATTACCTGGTCACTGCAAACCTCAATCTAGT GATTATCACAGCAGGTGCACGCCAGAAAAAGGAGAAACACGCCTTGATTTAGTCCAGCG AAATGTATCCATCTTTAAATTAATGATTCCGAATATTACCCAGTACAGTCCCTCACTGCAA ACTGCTTATTGTTACTAATCCAGTGGATATCTTAACCTTATGTAGCCTGNAAGTTGAGTGG ATTTCCAAAAAACGTGTTATTGGGAGTGGTTGTAATCTGGACTCTGCTGTTTTCGTTA CTTTATTGGGCAAAGGCTTGGCATCCACTCTGAAAGCTGTCATGA
Restriction Sites:	Please inquire
ACCN:	BC014340
Insert Size:	1073 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:	BC014340.1 , AAH14340.1
RefSeq Size:	1073 bp
Locus ID:	160287
Cytogenetics:	11p15.1
Protein Pathways:	Cysteine and methionine metabolism, Glycolysis / Gluconeogenesis, Metabolic pathways, Propanoate metabolism, Pyruvate metabolism
Gene Summary:	Displays an lactate dehydrogenase activity. Significantly increases the transcriptional activity of JUN, when overexpressed.[UniProtKB/Swiss-Prot Function]