

Product datasheet for **SC125833**

LYZL6 (NM_020426) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LYZL6 (NM_020426) Human Untagged Clone
Tag: Tag Free
Symbol: LYZL6
Synonyms: HEL-S-6a; LYC1; LYZB; PRO1485; TKAL754; UNQ754
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_020426 edited
GGGGAGGAAGAAGAGGCTCCTACTGTAGACAGCCTTGTTCTACAGATCCTCCCAGAAATC
TCTGGCCAGGTGGAACCCAGGGTCAGAGAGGGATGGGAGAGAGATTCCCCAGGCTCTCA
GAGAAGATCAGCAGAAAGTCTGCAAGACCCTAAGAACCATCAGCCCTCAGCTGCACCTCC
TCCCCTCCAAGGATGACAAAGGCCTACTCATCTATTTGGTCAGCAGCTTTCTTGCCCTA
AATCAGGCCAGCCTCATCAGTCGCTGTGACTTGGCCAGGTGCTGCAGCTGGAGGACTTG
GATGGGTTTGAGGGTTACTCCCTGAGTGACTGGCTGTGCCTGGCTTTTGTGAAAGCAAG
TTCAACATATCAAAGATAAATGAAAATGCAGACGGAAGCTTTGACTATGGCCTCTCCAG
ATCAACAGCCACTACTGGTGCAACGATTATAAGAGTTACTCGAAAACCTTTGCCACGTA
GACTGTCAAGATCTGCTGAATCCCAACCTTCTTGCCAGGCATCCACTGCGAAAAAGGATT
GTGTCCGGAGCACGGGGATGAACAACCTGGGTAGAAATGGAGGTTGCACTGTTTCAGGCCGG
CCACTTCTACTGGCTGACAGGATGCCGCCTGAGATGAAACAGGGTGCGGGTGCACCGT
GGAGTCATTCCAAGACTCCTGTCCTCACTCAAGGATTCTCATTCTTCTTCTACTGCC
TCCACTTCATGTTATTTCTTCCCTTCCATTTACAACAAAACTGACCAGAGCCCCAGG
AATAAATGGTTTTCTTGGCTTCTCCTTACTCCCATCTGGACCCAGTCCCCTGGTTCTGT
TCTGTTATTTGTAACACTGAGGACCACAATAAAGAAATCTTTATATTTATCCAAAAA
AAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_020426 unedited GTGCAGGATTTTGAATACGACTCACTATAGGGGCGGCGCGCAATTCGCGCCATTACG GGCCGGGGGAGGAAGAAGAGGCTCCTACTGTAGACAGCCTTGTTCTACAGATCCTCCCAG AAATCTCTGGGCCAGGTGGAACCCANGGTCAGAGAGGGATGGGAGAGAGATTCCCAGGC TCTCAGAGAAGATCAGCAGAAAGTCTGCAAGACCCTAAGAACCATCAGCGCTCAGCTGCA CCTCCTCCCCTCAAGGGATGACAAAGGCGCTACTCATCTATTTGGTCAGCAGCTTTCTT GCCCTAAATCAGGCCAGCCTCATCAGTCGCTGTGACTTGGCCANGTGCTGCAGCTGGAG GACTTGGATGGGTTTGGGGTTACTCCCTGAGTGACTGGCTGTGCCTGGCTTTTGTGGAA AGCAAGTTCAACATATCAAAGATAAATGAAAATGCAGACGGAAGCTTTGACTATGGGCTC TTCCAGATCAACAGCCACTACTGGTGCAACGATTATAAGAGTTACTCGGAAAACCTTTGC CACGTAGACTGTCAAGATCTGCTGAATCCCAACCTTCTTGACGGCGTCCACTGCGCAAAA AGGATTGTGTCCGGAGCACGGGGATGAACAACGGGTAGAATGGAGGTTGCACTGGTCA GGCCGGCCACTCTTCTACTGGCTGACAGGATGCCGCTGAGATGAAACAGGGGGCGGGTG CACCGTGGAGTCATTCCAAGACTCCTGCTCCTCAAGGATTCTTCATTTCTTCTTCTCT ACTGGCTNCACTTATGTGATTTTCTCCCTTCCATTTACACTAAAACGAGCAGAGCC CCCAGGATAAATGGGGTCTGGGCTTCTCCTACTCCATCTGGGACCGTCCCCTGGGTCC GGCTGTGATTGTGAACGGGGACCACATAAAGATTCTTTATTTTCCAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_020426
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:	<u>NM_020426.1</u> , <u>NP_065159.1</u>
RefSeq Size:	872 bp
RefSeq ORF:	447 bp
Locus ID:	57151
UniProt ID:	<u>O75951</u>
Cytogenetics:	17q12
Protein Families:	Secreted Protein

Gene Summary:

This gene encodes a member of the C-type lysozyme/alpha-lactalbumin family. C-type lysozymes are bacteriolytic factors that play a role in host defense, whereas alpha-lactalbumins mediate lactose biosynthesis. The encoded protein contains catalytic residues characteristic of C-type lysozymes and may play a role in male reproduction. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jan 2011]
Transcript Variant: This variant (2) represents the longer transcript. Both variants 1 and 2 encode the same protein.