

Product datasheet for **SC125973**

LYZL2 (NM_183058) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LYZL2 (NM_183058) Human Untagged Clone
Tag:	Tag Free
Symbol:	LYZL2
Synonyms:	LYZD2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_183058 edited ATGGCTTCAGGGGATGCAGGACGCTCCCCTGAGCTGCCTGTCACCGACTAAGTGGAGCAG TGTTTCTCCGCAGACTCAACTGAGAAGTCAGCCTCTGCGGCAGGCACCAGGAATCTGCC TTTTCAGTTCTGTCTCCGCAGGCTTTGAGGATGAAGGCTGCGGGCATTCTGACCCTCAT TGGCTGCCTGGTCACAGGCGCCGAGTCCAAAATCTACTCGTTGCAAACTGGCAAAAAT ATTCTCGAGGGCTGGCCTGGACAATTAAGGGCTTCAGCCTTGAACTGGATCTGCAT GGCGTATTATGAGAGCGGCTACAACACCACAGCCAGACGGTCCTGGATGACGGCAGCAT CGACTACGGCATCTCCAGATCAACAGCTTCGCGTGGTGCAGACGCGAAAGCTGAAGGA GAACAACCACTGCCACGTCGCCTGCTCAGCCTTGGTCACTGATGACCTCACAGATGCGAT TATCTGTGCCAAGAAAATTGTTAAAGAGACACAAGGAATGAATTATTGGCAAGGCTGGAA GAAACTGTGAGGGGAGAGACCTGTCGACTGGAAAAAAGACTGTGAGGTTTCCTAAAC TGGAACTGGACCCAGGATGCTTTGCAGCAACGCCCTAGGGTTTGCAGTGAATGTCCAAAT GCCTGTGTCATCTTGCCGTTTCTCCCAATATTCTTCTCAAACCTGGAGAGGGAAAA TTAAGCTATACTTTTAAGAAAATAAATATTTCCATTTAAATGTCTTCAAAAAAAAAAAAA AAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_183058 unedited TTTTATATTGTATACCACTCATATAGGCGGCCGCGTAATTCTCGAGAGCGGATGGCTTCA GGGGATGCAGGACGCTCCCCTGAGCTGCCTGTCACCGACTAAGTGGAGCAGTGTTCCTC CGCAGACTCAACTGAGAAGTCAGCCTCTGCGGCAGGCACCAGGAATCTGCCTTTTCAGTT CTGTCTCCGGCAGGCTTTGAGGATGAAGGCTGCGGGCATTCTGACCCTCATTGGCTGCCT GGTCACAGGCGCCGAGTCCAAAATCTACACTCGTTGCAAACCTGGCAAAAATATTCTCGAG GGCTGGCCTGGACAATTACTGGGGCTTCAGCCTTGAAACTGGATCTGCATGGCGTATTA TGAGAGCGGCTACAACACCACAGCCAGACGGTCCTGGATGACGGCAGCATCGACTACGG CATCTTCCAGATCAACAGCTTCGCGTGGTGACAGCGGAAAGCTGAAGGAGAACAACCA CTGCCACGTGCGCTGCTCAGCCTTGGTCACTGATGACCTCACAGATGCGATTATCTGTGC CAAGAAAATTGTTAAAGAGACCAAGGAATGAATTATTGGCAAGGCTGGAAGAACTGT GAGGGGAGAGACCTGTCCGACTGGAAAAAGACTGTGAGGGTTCCAACTGGAAGTGA CCCANGATGCTTTCAGCAACGCCCTAGGGTTTGCAGTGAATGTCCAATGCTTGTGTCA TCTTGCCGTTTTCTCCAAAATTTCTTCTAACTTGGAGAGGGAAAAAAGCTATACT TTTTAGAAAAAAAATTTCCATTTAAATGCGCTCCAAAAAAAACCTCTCAGCGCGG GTCCGGCCTTAGGGGCTGATCTTTCGAGGGGGGCCCGGCCCAATAAAGCCTGGCAATT TAAATGGGCGCCGGGTATAGTGTTTTCTG
Restriction Sites:	Please inquire
ACCN:	NM_183058
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:	NM_183058.2 , NP_898881.2
RefSeq Size:	777 bp
RefSeq ORF:	585 bp
Locus ID:	119180
UniProt ID:	Q7Z4W2
Cytogenetics:	10p11.23
Protein Families:	Secreted Protein

Gene Summary:

Lysozymes (see LYZ; MIM 153450), especially C-type lysozymes, are well-recognized bacteriolytic factors widely distributed in the animal kingdom and play a mainly protective role in host defense. LYZL2 is a member of a family of lysozyme-like genes (Zhang et al., 2005 [PubMed 16014814]).[supplied by OMIM, Apr 2009]