

Product datasheet for **SC123177**

LYZL4 (NM_144634) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LYZL4 (NM_144634) Human Untagged Clone
Tag:	Tag Free
Symbol:	LYZL4
Synonyms:	LYC4; LYZA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_144634 edited

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AGTGGATGATTAATGAAGTAGCATCTGAAAAACCAAGGAACCAATGTAGGTGGAGCAA
CTTCCCTGCAACACACGTCGAAGCTGCTGCAGTGGCTGTTCTTCCCTCCCCTTGAAAG
GCACAAAAGCCAGCCTTTGGAAGGGCTGGTGGACTGTGCCCTTTTCCCTTCAGAGAA
CCAGTGTCCCTGTGACTCCACCCACTCATCTGGCCACCGTTGCCCTGACCTGCCAGGAGC
CTGGAGAAGATGAAGGCATCCGTGGTTCTCTCCCTCCTTGGCTACCTGGTGGTTCCAAGT
GGTGCTTACATCTTGGGGCGTTGCACAGTGGCTAAGAACTCCACGATGGAGGCCTGGAT
TATTTTGAGGGCTATAGCCTTGAGAACTGGGTGTGCCTGGCCTACTTCGAGAGCAAGTTC
AACCCCATGGCCATCTACGAGAACACACGTGAGGGCTACACTGGCTTTGGCCTTTTCAG
ATGCGTGGCAGTGAAGTGTGGCGACCATGGCAGGAACCGCTGCCATATGTCATGTTCC
GCTTTACTGAATCCTAATTTAGAGAAGACAATTAATGTGCCAAGACCATTGTAAAAGGA
AAAGAAGGGATGGGAGCATGGCCACCTGGTCCCGGTACTGCCAGTACTCCGATACCCTG
GCACGGTGGCTGGATGGTTGCAAGCTGTAGCCGCTGCATGGCCCTGCAGCACTCACCA
GTTGCATCTTGTGAATGAAGGTGCTTTTCTGCTTGCTGCTTCAGTCAATCCTTTTGATGA
TCTCACCACCTTAAGAGTTCCAGATGGAAAAAGACAAAAGTTTGCTTCATCCGGGGATGC
AGGATGCAGAATAAACCAAACTAGTTACTCAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_144634 unedited <pre> GGTTTAGCATTGTATACCACTCACTATAGGCGGCCGCATAAATTCTGTATAGCATACATT ATACCAAGTTATGGATCAAGCCAAATCGGCCGAGCTCGAATTCCTCGAGAGCGGAGTGGA TGATTAATGAAGTANCATCTGAAAAACCAAGGAACCAATGTAGGTGGAGCAACTTCCC TGCAACACACGTGCAATCTGCTGCAGTGGCTGTTCTTCCCCTCCCCTTGAAAGGCACCA AAAGCGAGCCTTTGGAAGGGCTGGTGGACTGTGCCCTTCTTCCCTTCAGAGAACCAGTG TCCCTGTGACTCCACCCACTCATCTGGCCACCGTTGCCCTGACCTGCCAGGAGCCTGGAG AATATGAAGGCATCCGTGGTTCTCTCCCTCCTTGGCTACCTGGTGGTTCCAAGTGGTGCT TACATCTTGGGGCGTTGCACAGTGGCTAAGATACTCCACGATGGANGCCTGGATTATTTT GAGGGCTATAGCCTTGAGAACTGGGGTGTGCCTGGCCTACTTCGAGAGCAAGTTCAACCC CATGGCCATCTACGAGAACACACGTGAGGGCTACACTGGCTTTGGCCTCTTCAAATGCG TGGCAGTGACTGGTGTGGCGACCATGGCANGAACCGCTGCCATATGTCATGGTTCGCTTT ACTGAATCCTAATTTAGAGAAGACATTGAAATGTGCCAAGACCATTGTAAAAAGAAAAA AGGGATGGGAGCATGGCCNACCTGGTCCCGGGACTGCCANTACTCCGATACCCTGGCAGG GTGGCTGGATGGGTGCAAGCTGTACCCGCTGCATGCCCTGCAGCACTACCAATTGCA TCTTGGGATGAAGGTGGCTTTCTGCTGGCTGCTCAGTCAATCCTTTGATGATCTACCA TTTAAGATTCCCGGATGGAAAAGAAAAAAGTA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_144634
Insert Size:	891 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:	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_144634.2 , NP_653235.1
RefSeq Size:	886 bp
RefSeq ORF:	441 bp
Locus ID:	131375
UniProt ID:	Q96KX0
Cytogenetics:	3p22.1
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. LYZL4 is a member of a family of lysozyme-like genes (Zhang et al., 2005 [PubMed 16014814]).[supplied by OMIM, Apr 2009]

Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.