

## Product datasheet for **SC329599**

### LYZL6 (NM\_001199951) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** LYZL6 (NM\_001199951) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** LYZL6  
**Synonyms:** HEL-S-6a; LYC1; LYZB; PRO1485; TKAL754; UNQ754  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC329599 representing NM\_001199951.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGACAAAGGCGCTACTCATCTATTTGGTCAGCAGCTTCTTGCCCTAAATCAGGCCAGCCTCATCAGT
CGCTGTGACTTGGCCAGGTGCTGCAGCTGGAGGACTTGGATGGGTTTGAGGGTTACTCCCTGAGTGAC
TGGCTGTGCTGGCTTTTGTGAAAGCAAGTTCAACATATCAAAGATAAATGAAAATGCAGATGGAAGC
TTTGACTATGGCCTTCCAGATCAACAGCCACTACTGGTCAACGATTATAAGAGTTACTCGGAAAAC
CTTTGCCAGTAGACTGTCAAGATCTGCTGAATCCCAACCTTCTTGCAGGCATCCACTGCGCAAAAAGG
ATTGTGTCCGGAGCACGGGGATGAACAACTGGGTAGAATGGAGGTTGCACTGTTTCAGGCCGCCACTC
TTCTACTGGCTGACAGGATGCCGCTGAGATGA
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001199951  
**Insert Size:** 447 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).



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**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\\_001199951.1](#)

**RefSeq Size:** 963 bp

**RefSeq ORF:** 447 bp

**Locus ID:** 57151

**UniProt ID:** [O75951](#)

**Cytogenetics:** 17q12

**Protein Families:** Secreted Protein

**MW:** 17 kDa

**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 (1) differs in the 5' UTR, compared to variant 2. Both variants 1 and 2 encode the same protein.