

Product datasheet for **RG208863**

LYZL6 (NM_020426) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: LYZL6 (NM_020426) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: LYZL6
Synonyms: HEL-S-6a; LYC1; LYZB; PRO1485; TKAL754; UNQ754
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG208863 representing NM_020426
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAAAGGCGCTACTCATCTATTTGGTCAGCAGCTTCTTGCCTAAATCAGGCCAGCCTCATCAGTC
GCTGTGACTTGGCCAGGTGCTGCAGCTGGAGGACTTGGATGGGTTTGGGGTTACTCCCTGAGTGACTG
GCTGTGCCTGGCTTTTGTGAAAGCAAGTTCAACATATCAAAGATAAATGAAAATGCAGACGGAAGCTTT
GACTATGGCCTCTCCAGATCAACAGCCACTACTGGTGAACGATTATAAGAGTTACTCGGAAAACCTTT
GCCACGTAGACTGTCAAGATCTGCTGAATCCCAACCTTCTTGCAGGCATCCACTGCGCAAAAAGGATTGT
GTCCGGAGCACGGGGATGAACAACTGGGTAGAATGGAGGTTGCACTGTTCAAGCCGGCCACTCTTCTAC
TGGCTGACAGGATGCCGCTGAGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG208863 representing NM_020426
Red=Cloning site Green=Tags(s)

MTKALLIYLVSSFLALNQASLISRCDLAQVLQLEDLDGFEGYSLSDWLCLAFVESKFNISKINENADGSF
DYGLFQINSHYWCNDYKSYSENLCHVDCQDLLNPNLLAGIHCARIYVSGARGMNNVWVWRLHCSGRPLFY
WLTGCRLR

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_020426

ORF Size: 444 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_020426.4](#)

RefSeq Size: 872 bp

RefSeq ORF: 447 bp

Locus ID: 57151

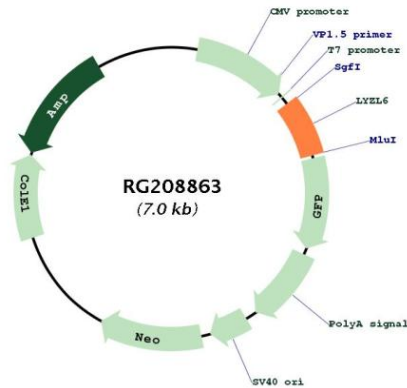
UniProt ID: [O75951](#)

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]

Product images:



Circular map for RG208863