

Product datasheet for **RG206166**

LYZL1 (NM_032517) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: LYZL1 (NM_032517) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: LYZL1
Synonyms: bA534G20.1; KAAG648; LYC2; LYZD1; PRO1278
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG206166 representing NM_032517
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATG**CAGGACGCTCCCTGAGCTGCCTGTCA**CCGACTAGGTGGAGCAGTGTTCCTCCGCAGACTCAACTG
 AGAAGTCAGCCTCTGGGGCAGGCACCAGGAATCTGCCTTTTCAGTTCTGTCTCCGGCAGGCTTTGAGGAT
 GAAGGCTGCGGGCATTCTGACCCTATTGGCTGCCTGGTACAGGCGCCGAGTCCAAAATCTACACTCGT
 TGCAA**ACTGGCAAAAATATTCTCGAGGGCTGGCCTGGACA**ATTACTGGGGCTTCAGCCTTGAAACTGGA
 TCTGCATGGCATATTATGAGAGCGGCTACAACACCACAGCCCGACGGTCTGGATGACGGCAGCATCGA
 CTATGGCATCTTCCAGATCAACAGCTTCGCGTGGTGCAGACGCGAAAGCTGAAGGAGAACAACCACTGC
 CATGTGCGCTGCTCAGCCTTGATCACTGATGACCTCACAGATGCAATTATCTGTGCCAGGAAAATTGTTA
 AAGAGACACAAGGAATGA**ACTATTGGCAAGGCTGGAAGAA**CAATTGTGAGGGCAGAGACCTGTCCGAGTG
 GAAAAAAGGCTGTGAGGTTTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG206166 representing NM_032517
 Red=Cloning site Green=Tags(s)

MQDAPLSCLSPTRWSSVSSADSTEKSASGAGTRNLPFQFLRQALRMKAAGILTLIGCLVTGAESKIYTR
 CKLAKIFSRAGLDNYWGFSLGNWICMAYYESGYNTTAPTVLDDGSIDYGIFQINSFAWCRRGKLENHHC
 HVACSAITDDLTDAAICARKIVKETQGMNYWQGWKKHCEGRDLSEWKKGCEVS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_032517

ORF Size: 582 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_032517.3](#)

RefSeq Size: 822 bp

RefSeq ORF: 447 bp

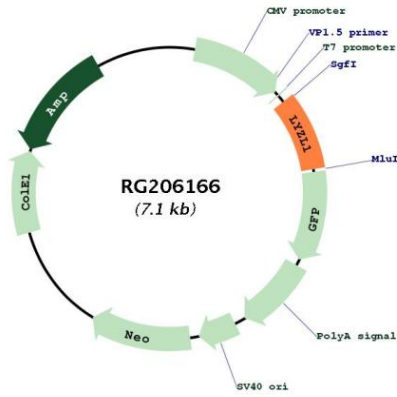
Locus ID: 84569

UniProt ID: [Q6UWQ5](#)

Cytogenetics: 10p12.1-p11.23

Protein Families: Secreted Protein

Product images:



Circular map for RG206166