

Product datasheet for **RG229899**

LY108 (SLAMF6) (NM_001184714) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: LY108 (SLAMF6) (NM_001184714) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: LY108
Synonyms: CD352; KALI; KALib; Ly108; NTB-A; NTBA; SF2000
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG229899 representing NM_001184714
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTGTGGCTGTTCCAATCGCTCCTGTTGTCTTCTGCTTTGGCCAGGGAATGTAGTTTCACAAAGCA
 GCTTAACCCCATGATGGTGAACGGGATTCTGGGGAGTCAGTAACCTTCCCCTGGAGTTTCTGCAGG
 AGAGAAGGTCACTTCATCACTTGGCTTTTCAATGAAACATCTTGCCTTCATAGTACCCCATGAAACC
 AAAAGTCCAGAAATCCACGTGACTAATCCGAAACAGGAAAGCGACTGAACTTCACCCAGTCTACTCCC
 TGCAACTCAGCAACCTGAAGATGGAAGACACAGGCTCTTACAGAGCCAGATATCCACAAAGACCTCTGC
 AAAGCTGTCCAGTTACACTCTGAGGATATTAAGACAACCTGAGGAACATACAAGTTACCAATCACAGTCAG
 CTATTTCAGAATATGACCTGTGAGCTCCATCTGACTTGCTCTGTGGAGGATGCAGATGACAATGTCTCAT
 TCAGATGGGAGGCCTTGGGAAACACACTTTCAAGTCAGCCAAACCTCACTGTCTCCTGGGACCCAGGAT
 TTCCAGTGAACAGGACTACACCTGCATAGCAGAGAATGCTGTCTAGTAATTTATCCTTCTCTGTCTGCC
 CAGAAGCTTTGCGAAGATGTTAAAATTCATATACAGATACCAAATGATTCTGTTTATGGTTTCTGGGA
 TATGCATAGTCTTCGGTTTCATCACTGCTGTTACTTGTGTTTGGAGAAAAGAAGAGATTCCTATCTTT
 GTCTACTCAGCGAACACAGGGCCCGCAGAGTCCGCAAGGAACCTAGAGTATGTTTCAGTGTCTCCAACG
 AACAACTGTGTATGCTTCAGTCACTCATTCAAACAGGAAACAGAAATCTGGACACCTAGAGAAAATG
 ATACTATCACAATTTACTCCACAATTAATCATTCAAAGAGAGTAAACCCACTTTTTCCAGGGCAACTGC
 CCTTGACAATGTCGTG

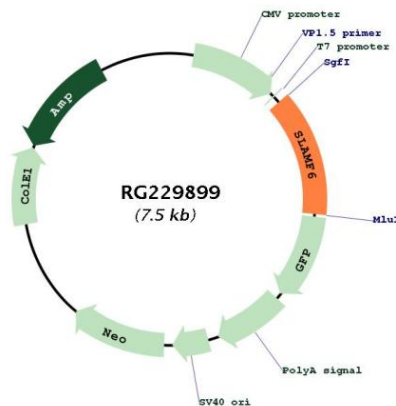
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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:	<u>NM_001184714.2</u>
RefSeq Size:	2754 bp
RefSeq ORF:	999 bp
Locus ID:	114836
UniProt ID:	<u>Q96DU3</u>
Cytogenetics:	1q23.2-q23.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	The protein encoded by this gene is a type I transmembrane protein, belonging to the CD2 subfamily of the immunoglobulin superfamily. This encoded protein is expressed on Natural killer (NK), T, and B lymphocytes. It undergoes tyrosine phosphorylation and associates with the Src homology 2 domain-containing protein (SH2D1A) as well as with SH2 domain-containing phosphatases (SHPs). It functions as a coreceptor in the process of NK cell activation. It can also mediate inhibitory signals in NK cells from X-linked lymphoproliferative patients. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, May 2010]

Product images:



Circular map for RG229899