

## Product datasheet for **RG207126**

### **LYNX1-SLURP2 (NM\_023946) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** LYNX1-SLURP2 (NM\_023946) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** LYNX1-SLURP2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG207126 representing NM\_023946  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACGCCCTGCTCACCTGATCCTGGTGGTCTCATGGGCTTACCTCTGGCCAGGCCTGGACTGCC  
ACGTGTGTGCCTACAACGGAGACAACCTGCTTCAACCCCATGCGCTGCCCGGCTATGGTTGCCTACTGCAT  
GACCACGCGCACCTCTGCAGCCGAAGCCATATGGTGTACCAGTGCACGGGCTTCGGAGGGTGCTCCCAT  
GGATCCAGATGCCTGAGGGACTCCACCCACTGTGTACCAGTGCACCCCGGGTCTCAGCAACACCGAGG  
ATTTGCCCTCTGGTCACCAAGATGTGCCACATAGGCTGCCCGATATCCCAGCCTGGGCCCTGGGCCCTA  
CGTATCCATCGCTTGCTGCCAGACCAGCCTCTGCAACCATGAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG207126 representing NM\_023946  
Red=Cloning site Green=Tags(s)  
MTPLLTLILVLMGLPLAQAALDCHVCAYNDCNCFNPMRCPAMVAYCMTTRTSAAEAIWCHQCTGFGGCSH  
GSRCLRDSTHCVTATTRVLSNTEDLPLVTMCHIGCPDIPSLGLGPYVSIACCQTSLCNHD

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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Cloning Scheme:



ACCN: NM\_023946

ORF Size: 393 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.

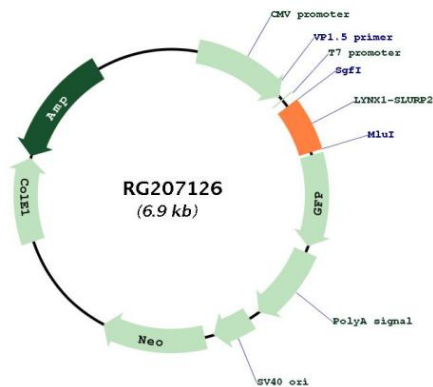
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM\\_023946.5](#)

RefSeq Size: 1352 bp  
 RefSeq ORF: 396 bp  
 Locus ID: 111188157  
 UniProt ID: [P0DP58](#)  
 Cytogenetics: 8q24.3

**Gene Summary:** This locus represents naturally occurring read-through transcription between the neighboring LYNX1 and SLURP2 genes. The readthrough transcript encodes a fusion protein comprised of sequence sharing identity with each individual gene product. The significance of this read-through transcription and the function of the resulting protein product have not yet been determined. [provided by RefSeq, Sep 2017]

**Product images:**



Circular map for RG207126