

Product datasheet for **RG202334**

SYPL1 (NM_182715) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	SYPL1
Synonyms:	H-SPI; SYPL
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG202334 representing NM_182715
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCCGGCTTCCAGATCAACCTCAACCCGCTCAAGGAGCCACTCGGCTTCATCAAGGTCCTCGAGTGGA
TTGCTTCTATCTTTGCTTTTGCCACCTGTGGAGGTTTTAAGGGCCAAACAGAAATCAAGTGAATTGTCC
TCCTGCAGTTACTGAGAATAAACTGTTACAGCTACTTTTGTTATCCATTAGGTTGAATGAGGCATCA
TTTCAGCCACCTCCAGGTGTAACATATGTGATGTAATTGGAAAGATTACGTCCTCATAGGCGATTACT
CTTCTTCTGCACAATTCTATGTTACCTTTGCAGTCTTTGTGTTCTGTACTGCATTGCTGCCCTTCTGCT
TTATGTTGGCTACACGAGTCTGTATCTGGATAGTCGTAACCTTCTATGATAGACTTTGTTGTACACTT
GTTGCCACTTTTTGTGGTTGGTGAGCACTTCAGCCTGGGCTAAAGCTCTGACAGATATTAATAGCTA
CTGGTCACAATATTATTGATGAACCTCCGCCTTGAAGAAGAAAGCAGTACTGTGTTACTTTGGCTCTGT
GACCAGTATGGGATCCCTAAATGTATCTGTGATATTTGGCTTTCTAAATATGATACTCTGGGAGGAAAT
GCTTGGTTTGTGTACAAGGAGACCAGCCTACACAGTCCATCAATACATCTGCCCTCATAGCCAAGGAG
GTATCCACCTCTACCGAATA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence:

>RG202334 representing NM_182715

Red=Cloning site Green=Tags(s)

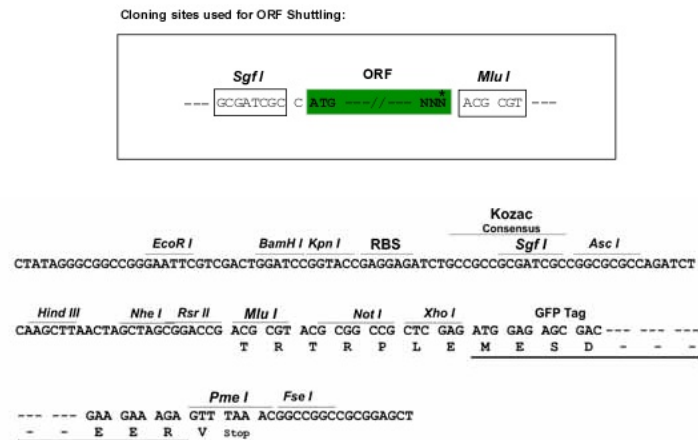
MSGFQINLNPKEPLGFIKVLWIASIFAFATCGGFKGQTEIQVNCPPAVTENKTVTATFGYPFRLNEAS
FQPPPGVNICDVNWKDYVLIGDYSSSAQFYVTFVAVFVLYCIAALLLYVGYTSLYLDSRKLPMDIFVVTL
VATFLWLVSATAKALTDIKIATGHNIIDELPPCKKKAVLCYFGSVTSMGSLNVSVIFGFLNMILWGGN
AWFVYKETSLSHPSNTSAPHSQGGIPPTGI

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_182715

ORF Size:

723 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](#)

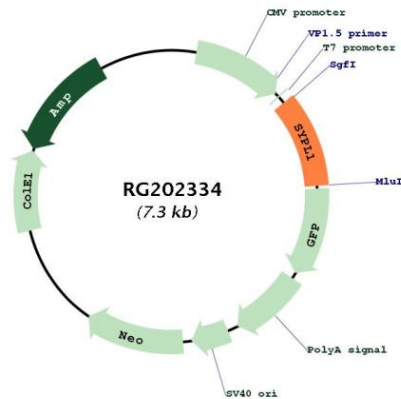
OTI Annotation:

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_182715.4
RefSeq Size:	2149 bp
RefSeq ORF:	726 bp
Locus ID:	6856
UniProt ID:	Q16563
Cytogenetics:	7q22.3
Protein Families:	Transmembrane

Product images:

Circular map for RG202334