

Product datasheet for RN202249

Bysl (NM_182674) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bysl (NM_182674) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bysl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202249 representing NM_182674 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGCCCAAATTAAGGTGACACGTGGGGCCAGAAATCAAGAGAGACATGCACCTCTGGCGGAGCAGATTC
TGGCTGGGACGCAGTGCCTGCGGGGACCCGAGAAAAACGGCGGAGACACGGGGTGAAGAGGAGGAAGA
GTATGTGGGACCCCGGTTGAGCAGACGGATTTTGCAACAAGCCCGCAGCAGCAGGAGGAGCTCGAGACT
GAACACGCGACTGGAGATCGGCCGGCAAAACCGCGAGAGCGGCCACGCGGCTGGGGCCAGGAGTGCAC
AGGATGGATCGGATGAGGAGGATGAGGAATGGCCTACCCTGGAGAAGGCAGCCAAAATGACCGTGGTGAA
CCACCAGGCAGAGGTAGTGGTGGACCCTGAAGATGAACGCGCCATTGAAATGTTTCATGAACAAGAACCCT
CCTGTCAGGCGCACCCCTGGCTGACATCATGAGAGAAGCTGACTGAGAAGCAGACAGAGGTGGAGACTG
TCATGTCAGAAGTATCGGGCTCCCTATGCCTCAGCTGGATCCCCGGTCTGGAAGTCTACAGAGGAGT
CCGGGAGGTGTTATGTAATATCGCAGTGGGAACTGCCAAGGCTTTAAGATCATCCCTGCCCTGTCC
AACTGGGAGCAGATCCTCTATGTCACGGAGCCCGAGGCTGGACTGCAGCTGCCATGTATCAAGCCACCA
GGATTTTGCCTCTAACCTGAAGGAGCGCATGGCTCAGCGCTTCTACAACCTTGTCTGCTTCCCGGAGT
ACGAGATGACATTGCTGAATACAAACGACTCAACTTCCACCTCTACATGGCACTCAAGAAGGCCCTGTTC
AAACCTGGAGCCTGGTTCAAAGGAATCCTGATCCCGCTGTGTGAGTCTGGCACCTGTACCCTCCGAGAAG
CCATCATCGTGGGAGCATCATCAGCAAGTGTCCATCCCTGTGTTGCACTCCAGTGCAGCCATGCTGAA
GATCGCGGAGATGGAGTACAGTGGTCCAGCAGCATCTTCTGCGCTGCTGCTCGATAAGAAGTATGCA
CTGCCCTACCGGGTGTCTGACGCTCTGGTCTTCCATTTCTGGCCTTCCGGACGGAGAAGCGCCAGCTGC
CCGTGCTTTGGCACCAGTGCCTACTGACACTAGCACAGCGCTACAAGGCTGACCTGGCCACGGAGCAGAA
GGAGGCCCTCCTAGAAGTGTCTCGGCTGCAGCCCCACCCACAGCTATCCCCGAAATCAGGCGTGAGCTT
CAGAGTGCAGTCCCCAGAGATGTGAAGATGTTGTTGTACCATGGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_182674
Insert Size:	1311 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_182674.3</u> , <u>NP_872615.3</u>
RefSeq Size:	1696 bp
RefSeq ORF:	1311 bp
Locus ID:	359727
UniProt ID:	<u>Q80WL2</u>
Cytogenetics:	9q12
Gene Summary:	Required for processing of 20S pre-rRNA precursor and biogenesis of 40S ribosomal subunits. [UniProtKB/Swiss-Prot Function]