

Product datasheet for SC103395

LYRM5 (ETFRF1) (NM_001001660) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LYRM5 (ETFRF1) (NM_001001660) Human Untagged Clone
Tag:	Tag Free
Symbol:	LYRM5
Synonyms:	LYRM5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001001660 edited ATGAAAATGGCCAATTCTTTAAGAGGAGAAGTACTAAAACCTTTATAAAAATCTGCTGTAT CTTGAGCAGACTATCCAAAAGGAGCAGACTATTTTAAAAAGCGTTTGAAGAACATTTTC CTTAAAAACAAAGATGTGAAGAATCCAGAGAAGATCAAAGAAGCTTATTGCACAGGCGAA TTTGTAAATGAAAGAGCTAGAAGCTTTGACTTCCTTAGGAAATACAGAGCTATGAAACAA CGCTATTATTCAGATACCAACAAAATAATTGA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_001001660 unedited CTATAGGGCGCCGCGATTTCGGCAGGAGGCTTTTGGCGCTCCGGCGTGCCGNGAAG TATGTTATGCATAAAAAGTGGATAATTTACATGATAAAATGAAAATGGCCAATTCTTTAAGA GGAGAAGTACTAAAACCTTTATAAAAATCTGCTGTATCTTGACGAGACTATCCAAAAGGA GCAGACTATTTTAAAAAGCGTTTGAAGAACATTTTCCTTAAAAACAAAGATGTGAAGAAT CCAGAGAAGATCAAAGAAGCTTATTGCACAGGCGAATTTGTAATGAAAGAGCTAGAAGCT TTGACTTCCTTAGGAAATACAGAGCTATGAAACAACGCTATTATTAGATACCAACAAA ACTAATTGATCATTACTACTTTAATTTAGCTATCAGTGCCAGCTGTTTATGTATACCAGA TGTTGTAATAAATTCTAACTTAAAATGGGAAGATATACATGTTGTGTAATAAATCCCTG AGCTGCCCTACTGAACTAAATAGGTTTCAACTTCTGTTTCATACGGAGAAAGTATCAGCAA CTTTATGCTCAATTTTGATACAAACATAGCAATTTAGCTATACTACCGATCATAAATTA TGAGCACCAATTTTGAATGAAAATATAATACACTTAATCCTCTAACTTAATAGGACTTA GCCAATTTTATAGCTATTTCTCCATTNTACTGACGAGAATGCCATTTACCGAACATT TAATAAGCAAAATATTTCTTACACACTTCTTCTTTACTTTTGAAGGAATCCCTTATTT TTTCAACATTTTGTATATTAACAGCACATACTCAAGGTTTCACTACAACANACAGTTCC TGGAAATGATTTAAATGTAGTATAGAAATAATATATGTATGGAGTCATACTTCTGACT
Restriction Sites:	NotI-NotI
ACCN:	NM_001001660



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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:	NM_001001660.1 , NP_001001660.1
RefSeq Size:	1095 bp
RefSeq ORF:	267 bp
Locus ID:	144363
UniProt ID:	Q6IPR1
Cytogenetics:	12p12.1
Gene Summary:	Acts as a regulator of the electron transfer flavoprotein by promoting the removal of flavin from the ETF holoenzyme (composed of ETFA and ETFB).[UniProtKB/Swiss-Prot Function]