

Product datasheet for **SC201829**

Lysyl tRNA synthetase (KARS) (NM_001130089) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Lysyl tRNA synthetase (KARS) (NM_001130089) Human 3' UTR Clone
Symbol:	Lysyl tRNA synthetase
Synonyms:	CMTRIB; DEAPLE; DFNB89; KARS; KARS2; KRS; LEPID
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001130089
Insert Size:	201 bp
Insert Sequence:	>SC201829 3'UTR clone of NM_001130089 The sequence shown below is from the reference sequence of NM_001130089. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC GAAAGCACAAACAGTTGGCACTTCTGTCT AG AAAATAATAATTGCAAGTTGTATAACTCAGGCGTCTTTG CATTTCTGCGAAAGATCAAGGTCTGCAAGGGAATTCTTGTGTGCTGCTTCCATTGACACCGCAGTTC TGTTCAAGCATCAGAAGAGAGACAAGGAATTAATAATTTCTTTTAAATCCTGTTACCAAATAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001130089.2</u>



[View online »](#)

Summary:

Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. Lysyl-tRNA synthetase is a homodimer localized to the cytoplasm which belongs to the class II family of tRNA synthetases. It has been shown to be a target of autoantibodies in the human autoimmune diseases, polymyositis or dermatomyositis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

3735

MW:

7.5