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Product datasheet for SC200014

RARS2 (NM_020320) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: RARS2 (NM_020320) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: RARS2

Synonyms: ArgRS; DALRD2; PCH6; PRO1992; RARSL

ACCN: NM_020320

Insert Size: 505 bp

Insert Sequence:

>SC200014 3'UTR clone of NM_020320
The sequence shown below is from the reference sequence of NM_020320. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTGGAATAACACCTGTATGTAGGATGTAATTTCCATTAAAATGGCTTTTAAAATGTCAAGTGAATTCT
AGTTATCTATTCTGAGATGCCTTGCTGTTCAGAATAAATTTAAATTTTTTTTTTTTTTTTTGAGATGG
AGTTTCGCTCTTGTTGCCCAGGCTGGAGTGCAATGGTGTGATGTTGGCTCACTGCAACCTCCACCTCCC
AGGTTCAAGCAATTCTCCTGCCTCAGCCTCCTGAGTAGCTGGGATTACAGGCACGTGCCATCACGCCAG
GCTAATTTTGTATTTTTAGTAGAGACAGGGTTTCTCTATGTTGGTCAGGCTGGTCTTGCACTCCCGACC
TCAGGTTATCTGTCTGCCTTGGCCTCCCAAAGTGTTGGGATTAGAGGCATGAACCACCACGCCCAGCCA
AAGTTAAACTATTATTCTGTGTCAGAATCTGTATTAAATGTGACTTGTCAAGTTATTCAGTCTTTATCC
TTAAATAAATGAGTTATCTGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

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: NM_020320.5

View online »

Summary:	This nuclear gene encodes a protein that localizes to the mitochondria, where it catalyzes the transfer of L-arginine to its cognate tRNA, an important step in translation of mitochondrially-encoded proteins. Defects in this gene are a cause of pontocerebellar hypoplasia type 6 (PCH6). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]
Locus ID:	57038
MW:	18.8