

Product datasheet for **RC216563**

SLC16A9 (NM_194298) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC16A9 (NM_194298) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLC16A9
Synonyms:	C10orf36; MCT9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC216563 representing NM_194298
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAACTAAAAAGTCGCTGACGGTGGATGGGCTGGGTGATTGTGTTTGTCTCCTTCTTACTCAGT
 TTTTGTGTACGGATCCCCTAGCTGTTGGAGTCTGTACATAGAATGGCTGGATGCCCTTGGTGAAGG
 AAAAGGAAAAACAGCCTGGGTTGGATCCCTGGCAAGTGGAGTTGGCTTGCTTGAAGTCTGTGCACT
 CTCTGTGTCTCATCTTTGGAGCAAGACCTGTCACAATCTTCAAGTGGCTTCAAGTGGCTGGAGGCTGA
 TGTTGAGCAGTTTTGCTCCCAATATCTACTTTCTGTTTTTCTATGGCATTGTTGTAGGTCTGGATG
 TGGTTTATTATACACTGCAACAGTGACCATTACGTGCCAGTATTTGACGATCGCCGAGGCTAGCGCTT
 GGCCTGATTTCAACAGGTTCAAGCGTTGGCCTTTTCATATATGCTGCTCTGCAGAGGATGCTGGTTGAGT
 TCTATGGACTGGATGGATGCTTGTCTGATTGTGGGTGCTTAGCTTTAAATATATTAGCCTGTGCCAGTCT
 GATGAGACCCCTCCAATCTTCTGATTGCCTTTGCCTAAAAAATAGCTCCAGAAGATCTACCAGATAAA
 TACTCCATTTACAATGAAAAAGGAAAGAATCTGGAAGAAAAACATAAACATTTCTTGACAAGAGCTACAGTA
 GTGAGGAAAAATGCAGGATCACGTTAGCCAATGGTGACTGGAAACAAGACAGCCTACTTCATAAAAAACC
 CACAGTGACACACAAAAAGAGCCTGAAACGTACAAAAAGAAAGTTGCAGAACAGACATATTTTTGCAAA
 CAGCTTGCCAAGAGGAAGTGGCAGTTATATAAAAACTACTGTGGTGAAGTGTGGCTCTTTTTAAAAACA
 AAGTATTTTACGCCCTTTTCTGCTATCTTACTCTTTGACATCGGAGGGTTCCACCTTCACTACTTAT
 GGAAGATGTAGCAAGAAGTTCAAACGTGAAAGAAGAAGAGTTTATTATGCCACTATTTCCATTATAGGC
 ATTATGACAGCAGTTGGTAACTGCTTTTAGGGTACTGGCTGACTTCAAGTGGATTAATACCTTGTATC
 TTTATGTTGCTACCTTAATCATCATGGGCTAGCCTTGTGTGCAATCCATTTGCCAAAAGCTATGTCAC
 ATTGGCGTTGCTTTCTGGGATCCTAGGGTTTCTTACTGGTAATTGGTCCATCTTTCCATATGTGACCACG
 AAGACTGTGGGAATTGAAAAATTAGCCATGCCTATGGGATTAATGTTCTTTGCTGGACTTGGAAATA
 GCCTAGGACCACCATCGTTGGTTGGTTTTATGACTGGACCCAGACCTATGATATTGCATTTTATTTAG
 TGGCTTCTGCGTCTGCTGGGAGGTTTTATTCTGCTGCTGGCAGCCTGCCCTCTGGGATACATGCAAC
 AAGCAACTCCCAAGCCAGCTCCAACAACCTTTCTGTACAAGTTGCCTCTAATGTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC216563 representing NM_194298
 Red=Cloning site Green=Tags(s)

MELKKSPDGGWGWVIVFVSFLTQFLCYGSPLAVGVLYIEWLDAFGEKGGKTAWVGLASVGLLASPVCS
 LCVSSFGARPVITIFSGFMVAGGLMLSSFAPNIYFLFFSYGIVVGLGCLLYTATVITCQYFDRRGLAL
 GLISTGSSVGLFIYAALQRMLVEFYGLDGCLLIVGALALNILACGSLMRPLQSSDCPLPKKIAPEDLPDK
 YSIYNEKGKNLEENINILDKSYSSEEKCRITLANGDWKQDSSLHKNPTVHTKPEPTYKKKVAEQTYFCK
 QLAKRKWLQYKNYCGETVALFKNKVFSAIFIAILLFDIGGFPPSLLMEDVARSSNVKEEFIMPLISIIIG
 IMTAVGKLLLGLADFKWINTLYLYVATLIIMGLALCAIPFAKSYVTLALLSGILGFLTGNWSIFPYVTT
 KTVGIEKLAHAYGILMFFAGLGNLGPPIVGFYDWTQTYDIAFYFSGFCVLLGGFILLLAALPSWDTCN
 KQLPKPAPTTFLYKVASNV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja3133_e05.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_194298

ORF Size: 1527 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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.

