

Product datasheet for RC214319

C10orf140 (SKIDA1) (NM_207371) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C10orf140 (SKIDA1) (NM_207371) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C10orf140
Synonyms:	C10orf140; DLN-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC214319 ORF sequence, codon optimized . Due to the complexity of NM_207371, the ORF clone is codon optimized for mammalian Expression. The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGCGATTTGAAAAGTGGCTTCGAGGAAGTCGATGGAGTGCAGCTGGGATACCTGATTATAAAGGGAA
AACAGATGTTTCGCTCTCTCCAGGTGTTACAGATCTGCTGAAAAATATCCCTAGGACAACGGTCCACAA
GCGAATGGACCACTTGAAGGTCAAGAAACCACTGCGACCTCGAGGAACTGCGCAAACCTGAAGGCAATT
AATAGCATCGCCTTTCACGCCGCTAAATGCACCCTGATTAGCCGCGAGGACGTAGAAGCCCTCTACACGT
CCTGTAAGACCGAGAGGGTCCTTAAACGAAGCGACGCCGCGTCGGAAGGGCCTTGCCACTAAGGCC
TCCCCCTGAACGCGCCGCTGCAGCCAGCCCTCGACCCGGCTTCTGGAAGGACAAACACAGCTTTGGAGA
GGTCTTTCAGGCGCCGACGACCCCTCCCATATCCGCGCAGTCCCAGCGCCAGGTGCCGCTGCTGCTC
GGCCAGCCGCTCACTTGCCCGAGATCTTTAGCAAATATCCAGGATCTCACTACCCAGAGATCGTGGCGTC
CCCGTGCAAGCCCCCACTTAACTATGAGACGGCTCCTCTGCAAGGGAATTACGTGGCCTTCCCTCCGAC
CCCGCTTACTTTTCGAGCCTGCTGTGCTCAAAGCACCCCTGCAGCCGCTGCCGCCGCTGCCGAGCCGCCG
CCGCCGCGCCGACGAGCAGCTGCAGCTGCTTATTACCAGGTGTGAGCCGCCGCCCTCAGCCAAAGGC
TGCTGCTGGCGCAGGTGGCCCTGGAAGTCTGTCTACAGATGTAAGCGAAAACGGGGCGGAGCCAAGGAT
TGCCTTCTGGCTCCTCACGCGGGTGCAGAGAAGATTGCTCCTGCTGCCTCGCAGCTACAAGCAAAGGCGG
CGGCGGCCGCTGCCGCTGCGGCCGCCGAGCCGACGCCGCGTGGCGCCACGTGTCTCGAGAGGTTTCA
TTTGGTCAATGGGTTTTGCCCGCCACCACACCACCACCATCACCATCACCACCACCACCACCAT
CACAGAGCTCAGCCCCCAGCAGTCCCACCATCCTCCTCACCACCATCGGCCACAGCCACATTTGGTT



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CATTTCCGGAGTCATGTTCTCTGACAGCGAGTCTTCTCATACAGTGACCATGCAGCAAATGACTCTGA
 TTTTGGCAGCAGCCTGAGCAGCTCTAGCAACAGCGTGTCTTCCGAGGAAGAGGAGGAGGGGGGAAGAA
 GAGGAGGAGGAAGAGGAGGAGGAAGGCGGTTCCAGGAGCCTCCGACTCTTCTGAAGTGTCTTCAGAGGAAG
 AGGACAGCTCTACCGAAAGCGACTCATCCAGTGGTTCTTCTCAGGTGAGTGTGCAGTCCATCAGGTTTAG
 AAGGACCTCTTTCTGTAAGCCGCCAGCGTCCAAGCCCAGGCCAATTTCTCTACCACCTGGCTCCGCA
 GCCGCAGCGACCAAGCCTGCGGCCTTCGAAGATGCAGGGAGACTGCCTGATCTTAAATCTCCCGTGAAG
 CTGAGAGCCCGCAGAGTGAATCTTCAGTCTTGGGCCCAAGGCATCACCTGTTTATTGCCCTGCATC
 TCTGGGATCCTGCTTTGCTGAAATCCGGAATGACCGCGTCAGCGAAATCACATTCCCCCATAGTGAATA
 TCTAACGCGGTGAAGCGGACAGATCTCACTATCAATTGTCTGGCAGAGGGCGCCTCTAGTCCCAGTCTTA
 AGACCAACAACGCCTTCCCCCAGCAGAGGATATTGAGAGAGGCTAGAAAAATGTCTGCAAACACACCAAC
 AACCCACTGCGCCGACAACAACACCATTGCCGCTCGGTTCTGAACAACGACAGCTCCGCGCGGAGGCA
 AATTCCGAAAAGTACTCTAAAATCTGCACTGCCCTGAGTTCGCGACTGACCTGCCTTCATCCAGACTG
 ACCCGGAGGTCAATGCTGCCGGGCTGCCGCCACCAAGGCTGAAAACCTTGTACCGATACAGGAGATAA
 GACTCTCCCGTTTCTCCATAACATCAAGATCAAAGTGAAGACTCATCCGGAATGAGGAGTATGAACCG
 CATTTGTTACCAACAAGCTGAAGTGTGAGTGAATGACACTAAAGGCGAATTTTATTCTGTTACCGAGA
 GTAAGGAGGAGGATGCCCTGCTGACCACAGCGAAGGAAGGATTTGCTTGTCTGAAAAAGAGACACCTAG
 CCTGAACCCCTGGCCCAGTCACAAGGTTTGAGCTGCACGCTGGGCTCACAAAACCCGAGGATGGCGAA
 TACAAGTTCGGAGCTAGAGTGCGAAAAACTACAGAACTGGTGTCTCGCAAGAGGCGGTTTTGCAGA
 CTCCTCCCGTCAAACCTAACCTCAAAGTGCGCGAAGCCACGCCCCACTGGCAAACTGAAACTAACGA
 GGGGACTGGACGACTTCACTGTTATCAACAGGCGCAAAAAGGTCGCCAGCAATGTGGCATCTGCTGTG
 AAGCGGCCCTTTCATTTTATGGCCAATTTCCCTTGCCACCCAGTCTCATAATCGGGAGGACGGTGATC
 TGTGGCCCGCTTATTCACTGAACACAACAAAAGACAGCCAGACTCCACACAAGGCGCATCTATCTGGAA
 ATGGCAACTTGGAGGCTCAGCAATCCCCCTGCCCTTCCCATAAATTTAGAAAAATTAACCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC214319 representing NM_207371
 Red=Cloning site Green=Tags(s)

MGDLKSGFEEVDGVRLGYLIIGKQMFALSQVFTDLLKNIPRTTVHKRMDHLKVKKHCDLEELRKLKAI
 NSIAFHAAKCTLI SREDVEALYTSCKTERVLKTKRRRVGRALATKAPPPERAAAA SPRPGFWKDKHQLWR
 GLSGAARPLPISAQSQRPGAAAAARPAHL PQIFSKYPGSHYPEIVRSPCKPPLNYETAPLQGNVAFPSD
 PAYFRSLLCSKHPAAAAAAAAAAAAAAAAAAAAA YQVSAAGPQPKAAAGAGGPGSLSYRCKRKRGGAKD
 CLLAPHAGARRLLLL PRSYKAKAAAAAAAAAAAAAAAAA GATCLERFHLVNGFCPPPHHHHHHHHHHHHH
 HRAQPPQQSHHPHHRPQPHLGSFPESCSDSESSYSDDHAANDSDFGSSLSSSSNSVSSEEEEEEGEE
 EEEEEEGGSGASDSSEVSSEEDSSTE SSSSGSSQVSVQIRFRRTSFCPPSVQAQANFLYHLASA
 AAATKPAAFEDAGRLPDLKSSVKAESPAEWNLQSWAPKASPVYCPASLGSCFAEIRNDRVSEITFPHSEI
 SNAVKRDLTINCLAEGASSPSKTNNAFPQQRILREARKCLQTPTTHCADNNTI AARFLNNDSSGAEA
 NSEKYSKILHCFEATDLPSSQTDPEVNAAGAAATKAENPCTDTGDKTLPFLHNIKIKVEDSSANEEYEP
 HLFNKLKCECNDTKGEFYSVTESKEEDALLTTAKEGFACPEKETPSLNPLAQSQGLSCTLGSPKPEDGE
 YKFGARVRKNYRTLVLGKRPVLQTPPVKPNLKSARSRPRTGKTETNEGLDDFTVINRRKVASNVASAV
 KRPFHFMANFPCPPSLIIGRDGLWPAYSLNNTTKDSQTPHKAHP IWKWQLGGS A IPLPPSHKFRKFNS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_207371

ORF Size: 2724 bp

OTI Disclaimer: 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).

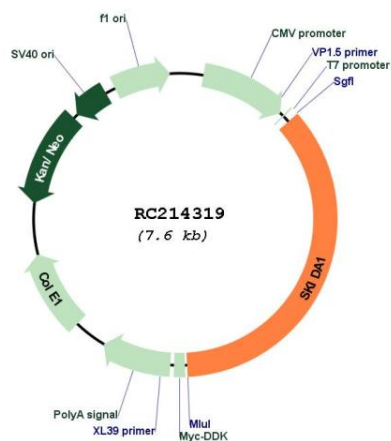
Reconstitution Method:

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.

RefSeq: [NM_207371.3](#), [NP_997254.3](#)

RefSeq Size: 6613 bp

RefSeq ORF: 2727 bp
 Locus ID: 387640
 UniProt ID: [Q1XH10](#)
 Cytogenetics: 10p12.31
 MW: 98.1 kDa

Product images:


Circular map for RC214319