

Product datasheet for RC224174

VPS13C (NM_018080) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VPS13C (NM_018080) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	VPS13C
Synonyms:	PARK23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC224174 representing NM_018080 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGTCTGGAGTCGGTGGTTCGCGGACTTGCTGAACCGCTTCCTGGGGGACTATGTGGAGAACCTGAACA
 AGTCCCAGCTGAAGCTGGGCATCTGGGGCGGAAATGTGGCTTTAGATAATCTACAGATAAAAGAAAATGC
 CCTGAGTGAATTGGATGTTCTTTAAAGTCAAGGCTGGCCAAATTGATAAACTTGAAGATTCCT
 TGAAGAACCTTTATGGAGAAGCAGTTGTTGCGACCCTGGAAGGATTATACCTGCTTGTTGTCCCTGGAG
 CAAGTATTAAGTATGATGCTGTAAAAGAAGAAAAATCCTTGCAGGATGTTAAACAGAAAGAGCTATCCCG
 AATTGAAGAAGCCCTTCAAAAAGCAGCAGAAAAAGATAAGCCAAAAGAAGCCAAAAGGATACATTTGTG
 GAAAAATTGGCAACTCAAGTAATAAAAAATGTACAAGTAAAAATCACAGATATTCACATTAATATGAAG
 ATGATGTCACTGATCCAAAGCGGCCTCTTTCATTTGGTGTCACTGGGAGAGCTTAGTCTACTGACTGC
 AAATGAACACTGGACTCCATGCATATTAATGAAGCAGACAAAATTATATACAAGCTTATACGACTTGAT
 AGTCTTAGCGCCTACTGGAATGTAAATGCAGCATGTCTTACCAGAGATCAAGGGAACAGATTTTGGATC
 AGCTGAAAAATGAAATCTTACAAGTGGAAATATACCCCAAATTATCAATACATTTCCAGCCAATATC
 AGCCTCTGCAAACTCTACATGAATCCTTATGCAGAATCAGAGCTCAAAACGCCCAAACTGGATTGCAAC
 ATAGAAATACAAAATATTGCCATTGAAGTACCAAACTCAGTACTTAAGTATGATTGACCTTTTGGAGT
 CAGTGGATTATATGGTTAGGAATGCGCCTTATAGGAAATACAAGCCTTATTTACCACTTCATACCAATGG
 TCGACGATGGTGGAAATATGCAATTGATTCTGTTCTTGAAGTTCATATAAGAAGGTATACACAGATGTGG
 TCATGGAGTAACATAAAAAAGCACAGGCAGTTACTCAAGAGTTATAAAATTGCCTACAAAAACAAGTTAA
 CACAGTCTAAAGTCTCAGAAGAAATACAGAAAGAAATTCAGGACTTGGAGAAGACTCTAGATGTTTTTAA
 CATAATTTTAGCAAGGCAACAAGCACAAGTTGAGGTGATTCGGTCTGGGCAAAAATTAAGGAAAAAGTCT
 GCTGACACAGGCGAGAAACGTGGAGGCTGGTTTAGTGGGTGTGGGGTAAGAAAGAGTCTAAGAAAAAGG
 ACGAAGAATCATTGATTCCTGAACTATTGATGACCTTATGACTCCAGAGGAAAAAGATAAACTCTTCAC
 TGCCATTGGTTATAGTGAGAGTACCCACAACCTAACTTTACCTAAGCAGTATGTTGCCCATATTATGACC


[View online »](#)

CTGAAGTTAGTAAGCACCTCTGTTACGATAAGAGAAAAACAAGAATATTCCAGAAATACTAAAAATTCAGA
TAATTGGCCTGGGCACTCAAGTATCTCAGCGACCAGGAGCACAAGCACTTAAGGTAGAAGCGAAATTAGA
ACACTGGTATATAACAGGTTTGAGACAGCAGGATATTGTGCCATCACTTGTGGCTTCAATTGGTGACACT
ACATCATCCTTGCTTAAATTAATTTGAAACCAATCCGAGGATAGTCCTGTGACCAGACTCTGATTG
TTCAGTCCCAGCCTGTGGAGGTCATCTATGATGCTAAACTGTCAATGCAGTGGTTGAATCTTTCAATC
AAATAAGGGATTGGATCTTGAGCAATAACATCAGCAACATTGATGAAGCTGGAAGAAATTAAGGAGAGA
ACAGCTACAGGACTTACACATATTATTGAACTCGAAAAGTCCTTGATTTAAGGATAAATCTGAAGCCTT
CTTATCTAGTAGTTCACAGACGGGTTCCACCATGAAAAGTCAGATCTTCTGATTTAGATTTTGGTAC
ATTTCACTCAACAGTAAAGATCAAGGTTTACAGAAGACTACTAATTCATCTCTGGAAGAAATAATGGAT
AAGGCATATGACAAGTTTGATGTTGAAATAAAAAATGTACAACACTACTTTTGAAGAGCAGAGGAAACCT
GGAAAAAGTGTGATTTTCAAGCATCCATCAACTATGCATATATTGCAACCCATGGATATTCATGTTGAGTT
GGCTAAGGCCATGGTAGAAAAAGACATTAGAATGGCCAGATTTAAAGTGTGAGGAGGACTTCCTTTGATG
CATGTGAGAAATTTCTGACCAGAAGATGAAAGATGTGCTATATTTGATGAACAGTATACCTTTGCCACAGA
AATCATCAGCCCAGTCTCCAGAGAGACAGGTATCCTCAATTCCTATTATTTCAAGTGGTACAAAAGGTCT
ACTTGGTACTTCACTATTGCTAGACACTGTGGAATCAGAGTCTGATGATGAGTATTTTGTGCTGAAGAT
GGAGAACCACAGACTTGTAAAAGTATGAAAGGATCAGAACTTAAAAAGCTGCAGAGGTCCCAATGAGG
AGCTCATCAATCTTCACTCAAGTTTGAAATTAAGAAGTGATTTTGAATTTACTAAACAGCAGAAAGA
AGAAGATACAATCTAGTATTTAATGTTACTCAGTTAGGAACAGAGGCCACAATGAGAACATTTGACTTA
ACTGTGGTATCTTATTTAAAGAAATCAGCTTGGATTATCATGAAATGAAGGATCCAAAAGGAAGCCCC
TTCCTTGATTAGCTCTTCTGACAAACCTGGATTAGATCTTTGAAAGTGGAGTATATTAAGGCTGATAA
GAATGGACCTAGTTTTCAAACCTGCTTTTGGAAAACTGAACAAACAGTTAAGGTGGCCTTTTCATCTTTA
AATCTGTTGCTGCAAAACACAAGCTCTTGTGCTTCTATTAATTACCTCACAACCATTATTCATCTGATG
ATCAAAGCATAAGTGTGCTAAGGAGGTACAAATTTCACTGAAAAACAACAAAAATCAACTCTGCC
AAAAGCGATTGTATCCTCCAGAGATAGTGACATTATTGATTTTCAAGCTATTTGCCAAGTTGAATGCTTTC
TGTGTCATTGTTTGAACGAAAAGAACATATCGCCGAAATCAAGATTCAAGGACTGGATTCTCCTCTT
CTCTCCAGTCAAGAAAGCAGTCACTTTTGGCCGACTAGAAAATATTATTGTACAGATGTTGATCCAAA
GACAGTTCATAAGAAAGCTGTGTCAATAATGGGAAATGAAGTTTCCGTTTTAATTTGGATTTGTATCCA
GATGCTACTGAGGGGGATTTGTACTGACATGTCCAAAGTGGATGGTGTGCTGTCTGTAATGTTGGCT
GTATTCAGATTGTCTATCTTCATAAATCCTTATGTCACTTCTGAACTTCTGAATAATTTCCAGACAGC
CAAAGAGTCTCTGAGTGTGCCACTGCCAGGCTGCAGAAAGGGCTGCCACAAGTGTGAAGATCTTGCC
CAGAGGAGTTTTCGTGTTCCATCAATATTGATTTGAAAGCACCGGTTATAGTCATCCACAGTCTTCTA
TTTCCACCAATGCAGTAGTGGTAGATCTTGGGTTAATCAGAGTTCATAATCAGTTCAGTCTGGTGTCTGA
TGAAGACTACTTAAATCCTCCAGTAATTGATAGAATGGATGTGCAGCTAACAAAGCTTCACTTTATAGG
ACAGTGATCCAGCCAGGCATCTACCATCCTGATATTCACTGTTGCACCCAATTAAGTGGAAATTTCTTG
TAAATCGGAATCTAGCTGCATCTTGGTACCACAAGGTGCCTGTTGTGGAATTAAGGACATCTTGATTC
AATGAATGTTAGTCTAAATCAAGAAGATCTTAATCTTTTATTTAGGATACTAACGAAAAATCTCTGTGAG
GGTACTGAAGACTTGGATAAAGTGAAACCAAGAGTACAAGAGACAGGTGAAATTAAGAGCCCTTGAAA
TCTCTATATCACAAGATGTACATGATTCAAAAAATCTTAACTGGAGTGAAGAAATAGGTCTGT
AGACATCATTAATATGCTGCTGAATTTTGAATTAAGAGGTTGTGGTTACTTTGATGAAAAATCAGAA
AAGAAAGGAAGGCTTTACATGAGCTAAATGTCTGCAACTTGAATGGAAGCTAAAGTTAAACCTATG
ACATGACTGCTAAAGCTTATCTAAAAAAATAGTATGCAGTGCTTTGATTTCACTGACTCTAAAGGGGA
ACCTCTTCACATTATTAATCTTCTAATGTGACTGACGAACCCCTTCTGAAAATGTTACTGACAAAGGCA
GACAGTGATGGACCAGAATTTAAACTATTTCATGACAGTACCAACAGAGACTGAAGGTTTCATTGTCAT
CCTTAGACTTAGTACTTCATTTGGAAGCTTTACTTTCCTTCATGGATTTTTATCATCTGCTGCTCCATT
CTCTGAGCCTTCTCTTCTGAGAAGGAATCCGAGCTGAAACCACTTGTGGGGAGTCCAGAAGTATCGCT
GTCAAAGCTGTATCCAGCAACATTTCCAAAAGGATGTGTTTGATTTAAGATCAGAGTGAATTAATG
CATTTAATGTCTTGTCTGTGATCAGAAGTGAACATTGCAGATATTAATAACATGGAATGGATGCCTC
TATTTCTGTGAAGCCTAAGCAGACTGATGTGTTTGCCAGACTTAAAGATATTATAGTTATGAATGTAGAT
TTGCAGTCCATTACAAAAAGGCTGTCTCTATTTTGGGAGATGAAGTCTTAGGTTCCAACCTGACTCTTT
ATCCAGATGCCACAGAAGGAGAGGCCTATGCTGATATGTCCAAAGTAGACGGCAACCTTAGTTTTAAAGT
GGGTTGTATTAGATTGTTTATGTTTCAAAATCTTCATGTCTCTTTGAACTTCTCAACAATTTCCAA
ACTGCTAAGAAGCTTTGAGTACAGCCACAGTCCAGGCTGCAGAAAGAGCTGCTTCCAGCATGAAAGACT

TGGCTCAAAAGAGTTTCCGCCTTTTGATGGATATTAATTTGAAAGCACCAGTTATTATTATTCCTCAGTC
 TTCAGTATCACCTAATGCTGTTATAGCAGATCTGGGTTTAATCAGAGTTGAAAACAAGTTTAGCTTGGTT
 CCTATGGAACATTATTCTCTTCCAGTCATTGATAAAATGAACATCGAACTCACTCAGTTGAAGCTGT
 CAAGAAGTATTTTGCAGGCTAGCTTGCCACAAAATGACATTGAAATTTTAAAACCACTCAACATGCTTTT
 GTCCATACAGCGAAACTTAGCAGCAGCATGGTATGTGCAAATCCAGGGATGGAGATAAAAGGAAAACTA
 AAACCTATGCAGGTTGCTCTCAGTGAAGATGACTTGACAGTTTTAAATGAAATTTTGCTAGAAAACTTG
 GAGAAGCTTCTCACAACCAAGCCCTACACAGTCTGTGCAGGAGACTGTAAAGGTGAGAAAAGTTGATGT
 TTCAAGTGTACCTGACCATCTCAAAGAACAAGAAGATTGGACAGACTCAAAGCTCTCTATGAACCAGATT
 GTCAGTCTCCAATTTGACTTTCCTTTGAATCTCTTTCCATTATCCTTTATAAACAATGATATCAACCAGG
 AATCTGGAGTTGCATTTCAATGACAGTTTCCAATTGGTGAACCTCAGACTACATCTTATGGCCTCCTC
 AGGGAAGATGTTAAGGATGGCTCAATGAATGTCAGCGTTAACTTAAGACATGCACCCTTGATGATCTC
 AGAGAAGGAATTGAGAGAGCAACATCGAGAATGATTGACAGAAAGAATGACCAAGATAACAACAGTTCTA
 TGATTGATATAAGTTACAAACAAGACAAAAATGGAAGTCAAATTGATGCTGTTCTTGACAAGCTGTATGT
 ATGTGCCAGTGTGAATTTCTGATGACTGTGGCAGATTTCTTTATCAAAGCTGTGCCTCAGAGTCCAGAA
 AATGTGGCAAAAGAAACACAGATTTTACCAAGACAGACTGCCACAGGGAAGGTCAAGATAGAGAAAGATG
 ACTCTGTTAGACCAAATATGACTTTAAAGGCCATGATCAGATCCAGAAAGTGGTATTTGTTGCCAGCCT
 GACAAAGGCTGATGCTCCTGCTCTGACAGCCTCGTTTCAGTGCAACCTTTCTCTGTCAACATCCAAACTC
 GAACAGATGATGGAAGCTTCTGTGAGAGATCTGAAAGTGTCTGCTTGGCCTTTTCTCAGAGAAAAGAGAG
 GGAAAAACATTACCACAGTCTTGACGCCCTGTTCTTTATTTATGGAAAAATGTACGTGGGCTTCAGGAAA
 GCAAAATATAAATATTATGGTTAAAGAATTTATAATTAAGATTTACCCATAATTCTTAATCTGTGTTG
 ACAATCATGGCTGCATTGTCTCCAAAAACAAAAGAAGATGGATCCAAAGATACGTCTAAGGAAATGGAAA
 ATCTTTGGGGTATCAAATCGATTAATGATTATAACACTTGGTTTCTTGGTGTGACACGGCAACAGAAAT
 AACGAAAAGCTTCAAAGGCATTGAACATTCAGTGATAGAGGAAAAATGTGGTGTGTTGTAGAATCCATT
 CAAGTTACCTTAGAATGTGGCCTTGGACATCGAACTGTACCTTTATTTATTGGCAGAGTCTAAGTTTTCAG
 GAAATATTAATAAATTGGACTTCTCTAATGGCTGCTGTTGCTGACGTGACACTACAGGTGCACTATTACAA
 TGAGATCCATGCTGTCTGGGAGCCACTGATTGAGAGAGTGGAGGGGAAGAGACAATGGAATTTAAGGCTT
 GATGTAAGAAGAACCAGTTCAGGATAAAAGTTTGTGCCAGGAGATGATTTTATCTGAGCCACAAA
 TGGCAATTCATATTTCTCAGGAAATACAATGAATATAACAATATCCAAAAGTTGTCTTAATGTTTTCAA
 CAATTTAGCAAAAGGTTTTTCAGAGGGCACTGCTTCTACTTTTGACTACTCTTTAAAGGACAGAGCTCCT
 TTTACGGTAAAAAATGCTGTAGGTGTTCCCATTAAGGTGAAGCCCAATTGTAATCTCAGAGTAATGGGCT
 TCCCTGAGAAAAGTGATATTTTGTGTTGATGCTGGCCAGAATTGGAAGTGGAGTATGCCAGCATGGT
 ACCTTCAAGTCAAGGGAACCTATCTATATTGAGCCGTCAAGAAAGCTCCTTCTTCACTCTGACCATTGTA
 CCTCATGGATATACAGAAGTTGCAAATATCCCTGTGGCCAGACCTGGACGGCGATTGTATATGTACGGA
 ATCCCAATGCCAGTCATTCTGACTCTGTCTTGGTACAAATTGATGCAACTGAAGGGAATAAAGTAATTAC
 CCTTCGCTCTCCTCTACAGATCAAAAACCATTTCTCCATTGCATTTATCATCTATAAATTTGTTAAGAA
 GTTAAGCTATTGGAGCGCATTGGGATAGCCAGACCTGAAGAGGAGTTCATGTTCTTTAGATTCAATATA
 GATGTCAATTGTTATCCAGCCAGCTGGAATCTTAGAGCATCAGTACAAAGAATCTACCATTATATTTT
 CTGGAAGGAAGAACTTCATAGGAGCAGGGAAGTCAGATGCATGTTGCAGTGTCCATCAGTAGAAGTCAGC
 TTCTTACCTCTCATAGTGAATACAGTTGCTCTGCCTGATGAATTGAGCTACATATGTACACATGGGGAAG
 ACTGGGATGTAGCTTACATTATTCATCTTTATCCTTCTCTCACTTTGCGGAATCTTCTCCCATATTTCCCT
 AAGATATTTACTTGAGGGAACAGCAGAACTCATGAGCTGGCAGAAGGCAGTACTGCTGATGTTCTGCAT
 TCGAGAATCAGTGGTGAATAATGGAATTAGTCTGGTGAATAACAGGGCAAAAAGTGAATGGACATT
 TCCGCATACGTGATACACTACCAGAATTTCTTCTGTGTGTTTTCTTCTGACTCCACAGAAGTGACGAC
 AGTCGACCTGTGAGTCCAGTCCAGGAGAAATGGCAGCCGGATGGTGTCTGTCTTTAGTCCCTATTGG
 TTAATCAACAAGACTACCCGGTTCTCCAGTATCGTTCAGAAGATATTCATGTGAAACATCCAGCTGATT
 TCAGGGATATTATTTATTTTCTTTCAAGAAGAAGAACATTTTACTAAAAATAAGGTACAATAAAAAT
 TTCAACCAGTGCCTGGTCCAGTAGTTTCTCATTGGATACAGTGGGAAGTTATGGGTGTGTGAAGTGCCT
 GCCAACAATATGGAGTACCTGGTTGGTGTAGCATCAAAATGAGCAGTTTCAACCTTTCAGGAATAGTTA
 CCCTGACTCCCTTTTGTACCATTTGCAACAAGTCATCATTAGAAGTAGAAGTTGGCGAGATTGCATCTGA
 TGGCTCAATGCCAACTAATAAATGGAACATATTGCTTCTCAGAGTGCCTTCCATTTTGGCCAGAAAGT
 TTGTGAGGCAAACTTTGTGTGAGAGTGGTGGGCTGTGAAGGATCTTCAAACCATTTCTTTATAACCGAC
 AGGATAATGGCACTTTATTGAGCTTAGAAGATCTGAATGGGGTATCTTGGTGGATGTAACACTGCCGA

ACATTCAACTGTCATAACTTTTTCTGATTACCATGAGGGATCTGCACCTGCCTTGATAATGAACCATACA
CCATGGGACATCCTCACATACAAACAGAGTGGGTACCAGAAGAAATGGTCTTGCTGCCAAGACAGGCTC
GACTTTTTGCCTGGGCAGATCCTACTGGTACCAGAAAACCTACATGGACATATGCAGCAAATGTTGGGGA
ACATGATCTGTTAAAGGATGGATGTGGACAGTTTCCATATGATGCAAACATCCAGATACACTGGGTATCA
TTTCTGGATGGGCGCCAGAGAGTTTTGCTTTTCACCGATGATGTTGCCTTGGTTTCCAAAGCACTGCAGG
CAGAAGAAATGGAACAGGCTGATTATGAAATAACCTTGTCTCTCCACAGTCTTGGGCTTTCACTGGTTAA
CAATGAAAGCAAGCAGGAAGTTTCTATATTGGGATAACCAAGTTCTGGTGTGTTGGGAGGTGAAACCA
AAGCAGAAATGGAAGCCATTTAGTCAAAAGCAGATAATCTTATTGGAACAACTCTATCAGAAACATCAAA
TATCAAGAGACCATGGCTGGATTAAGCTAGATAATAATTTTGGAGTCAATTTTGATAAAGATCCAATGGA
AATGCGCCTCCCTATTCGTAGCCCTATTAACGAGACTTTTTATCAGGAATTGAGATTGAATTTAAGCAG
TCTTCTACCAGAGAAGTTAAGGGCCAGGTTGTACTGGCTTCAGGTTGATAATCAGTTACCAGGTGCAA
TGTTCCCTGTTGTATTTTCATCCTGTTGCCCTCCAAAATCTATTGCTTTAGATTGAGAGCCCAAGCCTTT
CATTGATGTGAGTGTATCACAAGATTTAATGAGTACAGTAAAGTCTTACAGTTCAAGTATTTTATGGTC
CTCATTGAGGAAATGGCCTTAAAAATTGATCAAGGTTTCTAGGAGCTATTATTGCACTGTTTACCCCAA
CAACAGACCCTGAAGCTGAAAGAAGACGACAAAGTTAATCCAACAAGATATTGATGCTCTAAATGCAGA
ATTAATGGAGACTTCAATGACTGATATGTCAATTCTTAGTTTCTTTGAACATTTCCATATTTCTCCTGTG
AAGTTGCATTTGAGTTTGTCTTTGGGTTCCGGAGGTGAAGAATCAGACAAAGAAAAACAGGAAATGTTTG
CAGTTCACTTCTGTCAACTTGCTGTTGAAAGCATAGGTGCTACTCTGACTGATGTGGATGACCTTATATT
CAAACCTTGCTTATTATGAAATTCGATATCAGTTCTACAAGAGAGATCAGCTTATATGGAGTGTGTTAGG
CATTACAGTGAACAGTCTTGAACAGATGTATGCTCTGTATTGGGGTTAGATGTAAGTTGGAACCCAT
TTGGATTAATTAGAGGTCTGTCTGAAGGAGTTGAAGCTTTATTCTATGAACCTTCCAGGCTGCTGTTCA
AGGCCCTGAAGAATTTGCAGAGGGGTTAGTGATTGGAGTGAGAAGCCTCTTTGGACACACAGTAGGTGTT
GCAGCAGGAGTTGATCTCGAATCACCGGTTCTGTTGGGAAAGGTTTGGCAGCAATTACAATGGCAAGG
AATATCAGCAAAAAAGAGAAGAGAGTTGAGTCGACAGCCAGAGATTTTGGAGACAGCCTGGCCAGAGG
AGGAAAGGGCTTTCTGCGAGGAGTTGTTGGTGGAGTGACTGGAATAATAACAAACCTGTGGAAGGTGCC
AAAAAGGAAGGAGCTGCTGGATTCTTTAAAGGAATTGGAAGGGCTTGTGGGTGCTGTGGCCCGTCCAA
CTGGTGAATCGTAGATATGGCCAGTAGTACCTTCCAAGGCATTGAGGGCAGCAGAACTCAACTGAGGA
AGTATCTAGCCTCCGTCCTCGCTGATCCATGAAGATGGCATCATTGCTCTTATGACAGACAGGAA
TCTGAGGGCTCTGACTTACTTGAGCAAGAACTGGAAATACAGGAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC224174 representing NM_018080
Red=Cloning site Green=Tags(s)

MVLESVVADLLNRFLGDYVENLNKSQLKLGWGNVALDNLQIKENALSELDVPFKVKAGQIDKLTLKIP
WKNLYGEAVVATLEGLYLLVVPGASIKYDAVKEEKSQDVQKQELSRIIEALQKAAEKDKPEAKKDTFV
EKLATQVIKNVQKITDIHIKYEDDVTDPKRPLSFGVTLGELSLLTANEHWTPCILNEADKIIYKLIRLD
SL SAYWNVNCSMSYQRSREQILDQLKNEILTSNIPPNYQYIFQPI SASAKLYMNPYAESELKTPKLDN
IEIQNIAIELTKPQYLSMIDLLESVDYMRNAPYRKYKPYLPLHTNGRRWWKYAIDSVLVHIRRYTQMW
SWSNIKKHRQLLSYKIAYNKLTSQSVSEIQQEIQDLEKTLDFVNIILARQQAQVEVIRSGQKLKKS
ADTGEKRGWFSGLWGKESKKKDEESLIPETIDDLMTPEEKDKLFTAIGYSESTHNLTLPKQYVAHMT
LKL VSTSVTIRENKNIPILKIQIIGLTQVSQRPQAQALKEHWHYITGLRQQDIVPSLVASIGDT
TSSLLKIKFETNPEDSPADQTLIVQSQPVEVIYDAKTVNAVVEFFQSNKGLDLEQITSATLMKLEEIKER
TATGLTHIETRVLDLRINLKPSYLVVPQTGFHHEKSDLLILDFGTFLNSKDQGLQKTTNSSLEEIMD
KAYDKFDVEIKNVQLLFARAETWKKCRFQHPSTMHILQPMDIHVELAKAMVEKDIRMARFKVSGGLPLM
HVRISDQKMKDVLVLMNSIPLPQKSSAQSPERQVSSIPIISGGTKGLLGTSLLLDVTSESDDEYFDAED
GEPQTCKSMKGSELKAAEVPNEELINLLKFEIKEVILEFTKQKQKEEDTILVFNVTLGTEATMRTFDL
TVVSYLKKISLDYHEIEGSKRKPLHLISSDKPGLDLLKVEYIKADKNGPSFQTAFGKTEQTVKVAFSSL
NLLLQTQALVASINYLTIIIPSDQSSISVAKEVQISTEKQKKNSTLPKAI VSSRSDSIDFRLFAKLNAF
CVIVCNEKNNIAEIKIQGLDSSLQSRKQSLFARLENIIVTDVDPKTVHKKAVSIMGNVEFRFNL DLYP
DATEGDLYTDMSKVDGVL SLNVGCIQIVYLHKFLMSLLNFLNNFQTAKESLSAATAQA AERAATSVKDLA

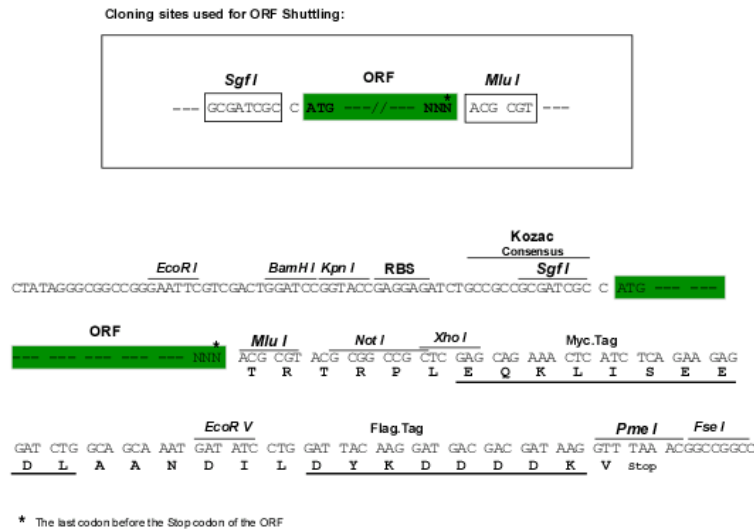
QRSFRVSIINIDLKAPVIVIPQSSISTNAVVDLGLIRVHNQFSLVSEDEDYLNPPVIDRMDVQLTKLTLTYR
TVIQPGIYHPDIQLLHPINLEFLVNRNLAASWYHKVPVVEIKGHLDSMNVS LNQEDLNLLFRILTENLCE
GTEDLDKVKPRVQETGEIKEPLEISISQDVHDSKNTLTGVEEIRSVDIINMLLNFEIKEVVVTLMKKSE
KKGRPLHELNLVQLGMEAKVKTYDMTAKAYLKKISMQCFDFTDSKGEPLHIINSSNVTDEPLLKMLLTKA
DSDGPEFKTIHDSTKQRLKVSFASLDLVLHLEALLSFMDFLSSAAPFSEPSSSEKESELKPLVGESRSIA
VKAVSSNISQKDVFDLKITAELNAFNVFCDQKCNIAIDIKIHGMDASISVKPKQTDV FARLKDIIVMNV
LQSIHKKAVSILGDEVFRFQLTLYPDATGEAYADMSKVDGKLSFKVGC IQIVYVHKFFMSLLNFLNNFQ
TAKEALSTATVQAAERAASSMKDLAQKSFRLMDINLKAPVIIIPQSSVSPNAVIADLGLIRVENKFSLV
PMEHYSLLPPVIDKMNIELTQLKLSRTILOASLPQNDIEILKPVNMLLSIQRNLA AAWYVQIPGMEIKGKL
KPMQVALSEDDLTVLMKILLENLGEASSQPSPTQSVQETVRVRKVDVSSVPDHLKEQEDWTD SKLSMNQI
VSLQDFDFHESLSIILYNNDINQESGVAFHNSFQLGELRLHLMASGKMFKDGS MNVS VKLKTCTLDDL
REGIERATSRMIDRKNQDNSSMIDISYKQDKNGSQIDAVLDKLYVCASVEFLMTVADFFIKAVPQSPE
NVAKETQILPRQTATGKVKIEKDDSVRPNMTLKAMITDPEVV FVASLTKADAPALTASFQCNLSLSTSKL
EQMMEASVRDLKVLACPFLEKRGKNITTVLQPCSLFMEKCTWASGKQINIMVKEFIIKISPIILNTVL
TIMAALSPKTKEDGSKDTSKEMENLWGIKSINDYNTWFLGVDTEITESFKGIEHSLIEENCGVVESI
QVTLECLGHRTVPLLLAESKFSGNIKNWTSLMAAVADVT LQVHYNEIHAVWEPLIERVEGKRQWNLRL
DVKKNPVQDKSLLPDGFPEPQMAIHSSGNTMNIITISKSLNVFNNAKGFSEGTASTFDYSLKDRAP
FTVKNAVGVPIKVKPNCNLRVMGFPEKSDIFDVGAGQNL ELEYASMPSSQGNLSILSRQESSFFTLTIV
PHGYTEVANIPVARPGRRLYNVRNPNASHSDSVLVQIDATEGNKVITLRSPLQIKNHFSIAFIIYKFVK
VKLLERIGIARPEEEFHVPLDSYRCQLFIQPA GILEHQYKESTTYISWKEELHRSREVR CMLQCPSVEVS
FLPLIVNTVALPDELSYICTHGEDWDVAYIIHL YPSLTLRNL LPYSLRYLLEGTAE THELAEGSTADVLH
SRISGEIMELVLVKYQGNWNGHFRIDTLP EFFFVCFSSDSTEVTTVDSL SVHVRRIGSRMVL SVFSPYW
LINKTTRVLQYRSEDIHVKHPADFRDIILFSFKKKNIFTKNKVQLKISTSAWSSSFSLD TVGSGYGCVKCP
ANNMEYLVGVSIKMSSFNL SRIVTLTPFCTIANKSSLELEVGEIASDGSMP TNKWN YIASSECLPFWPES
LSGKLCVRVVGCEGSSKPFYFNQDNGTLLSLEDLNGGILVDVNTAEHSTVITFSDYHEGSAPALIMNHT
PWDILTYKQSGSPEEMVLLPRQARLFAWADPTGRKL TWTYAANYGEHDLLKDGCQGFYPDANI QIHWVS
FLDGRQRVLLFTDDVALVSKALQAEEME QADYEITLSLHSLGLSLVNNE SKQEVSYIGITSSGVVWEVKP
KQKWKPF SQKIILLEQSYQKHQISR DHGWIKLDNNFEVNF DKDPMEMRLPIRSP IKRDFLSGIQIEFKQ
SSHQRLRRLYWLQVDNQLPGAMFPVVFHPVAPPKSIALDSEPKPFIDVSVITRFNEYSKVLQFKYFMV
LIQEMALKIDQGLGAI IALFTPTDPEAERRRTKLIQQDIDALNAELMETSMTDMSILSFFEHHISPV
KLHL SLSLSGGEE SDKEKQEMFAVHSVNLL LK SIGATLTDVDDLIFKLAYYEIRYQFYKRDQLIWSVVR
HYSEQFLKQMYVLVLGLDVLGNPFGLIRGLSEGVEALFYEPFQGAVQGPEEFAEGLVIGVRS LFGHTVGG
AAGVVSRI TGSVGKGLAAITMDKEYQQKRREELSRQPRDFGDSLARGGKGF LRGVVGGVTGII TKPVEGA
KKEGAAGFFKGIGKLGAVARPTGGIVDMASSTFQGIQRAAEESTEEVSSLRPPRLIHEDGIIRPYDRQE
SEGSDDLLEQELEIQE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_018080

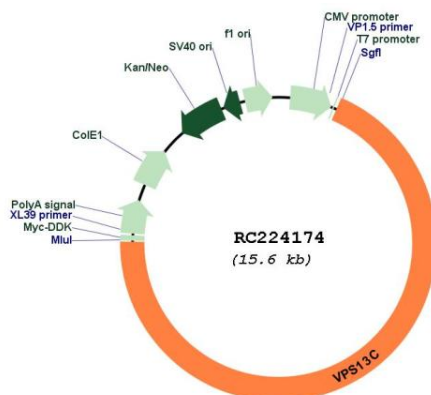
ORF Size: 10755 bp

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_018080.3</u> , <u>NP_060550.2</u>
RefSeq Size:	14478 bp
RefSeq ORF:	10758 bp
Locus ID:	54832
UniProt ID:	<u>Q709C8</u>
Cytogenetics:	15q22.2
MW:	403.1 kDa
Gene Summary:	This gene encodes a member of the vacuolar protein sorting-associated 13 gene family. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2010]

Product images:



Circular map for RC224174