

Product datasheet for MR219198

Stard13 (NM_001163493) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stard13 (NM_001163493) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Stard13
Synonyms:	DLC2; GT650
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR219198 representing NM_001163493 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCCAGCCAGGTGCCAGGACGCCGGCTGCAGGCTGCTACTATCTAAACCCCTTGACACCTGAGAGCC
AGGAGATGTAAGTGGATTTGATCAGACTGCCAGACGCTCTCCCTACAGGATGAGCCGGATCCTAGCACG
CCATCACCTAGTACTAAAATCCAGCAAGAAATTGAGGCGAAGGAAGCATGTGACTGGCTCCGAGCTGCC
GGGTTCCCGCAGTACGCTCAGCTGTATGAAGATTCGCAGTTCCCATCAACATTGCGGCCGTCAAAAAG
ACCATGACTTTCTTGAAGGGACCTTGTAGAACCTCTTTCAGACGACTTAATACGTTGAACAAGTGTGC
CTCAATGAGACTTGATGTGAACCTCCAAAGGAAAAGGGTGACGACTCAGATGAGGAAGACCTGTGCATC
AGCAACAATGGACTTTCCAGAGAACCAGCCGAGATGGTCCCGTGTGGATGACCTGCATACGCTGTTCC
CCGTGGCAGACAGAAACGGGTCCCAGGAGGCCCTAGGATGAGAAACACAGCCAGCAGTGAGAGCGTGCT
CACGGATCTGAGTGAGCCAGAGGTCTGCTCTATTACAGCGAAAGCAGTGGGGCAGTGACAGCCGACG
CAATCAGGGCATCATTCTGCTGACAGTACGCATGCGCTGGAGGCCACCCTGGTCAAGTACGAGCCTCCAC
AGTCTACCCGAGAGGGTCTCAACCAGTCTTTTACCCCAAGAATGAGAAACCCACCAGGACCAGGGCCAA
GTCCTTTCTGAAACGCATGGATACCCTGAGAGTGAAGGGTGCACCTGGGAGGCATAAGGGGCCAGGGCGG
ACAGGAGGCTGGTCACTAGTGGCTGTGCTGCAGCAGGAACCGGAGTCTTTAAGACCATGCAGTGGC
TCCAGATACCCAAACGGAGATCTGCAGACCTCACCTCCAGCTGCCTGCAGGAAAGGCCTCCCATGCTCCAG
TAAGTCAAGTGGTGAGAGCAGCCCTGGAGAACAGCAGCACAGTGAAGTCCGTCATGAAGGAACGC
AAGTGCCACCACGAGGCCAAACAGCGGGTGGCATGTACCTGGAGGACCTGGATGTGCTGGCAGGGACGG
CATTACCAGATACGTCAGACCAAAACCATGCATGGGTTTCACTCCCAAGAAAATTGGTGGTCCACAT
TCCCAAGGATCACAACCAGGAACGTTCCCAAGGCACTTTCTATAGAAAGCCTCTCACCCACAGACAAC
AGCAATGGGGTAACTGGAGGACCGGGAGTATCTCCCTGGTAGGCAACAGGGCCCTGGCATGAGGGAAC
CCAGACTCATGTCTTCTGCCACAGGGCCAGCCGTGTGATATCTATGACAATGTCCCAGCTCGCACCT
GTATGCCAGCACAGGAGATCTGTTGGACCTGGAGAAAGACGGCCCTCTCCACAGCTGGATGACATCCTA



[View online >](#)

CAGCATGTCAATGGCATACAAGAGGTAGTGGATGACTGGTCAAAAAACATCTTACCCGAAGTCAAAGTC
ACAGCACATTGGCAGGGGATCCTGGTCTGTCCCATTCATCTCCCAATCAGGTCACTTTAGATTTTGA
AGGCAACTCTGTCTCAGAAGGTCCGACAAACACCTAGTGATGTGGAAAGGGACAGGACTTCTCTGAATGAA
TCGGAGGCCACTGGGGTCAGAGAAAAGAGGATTTCTGGTGTGGGGCCTCTCTGACCAGACCAAACAGAC
GACTAAGTGGAGCAGCTTCCAGCTCTCACACCAGCCCCAGCCGTCTCCAGCCACCCCGCACATCAGCAG
CCAGACGGCCGCCAGCTGAACCTGCTCCAGCGTTCTCCCTACTTCGTCTTACGGCCATCATGGAGAAG
TACTCTATGTCCAACAAGCAGCGCTGGACCTGCCTGTCTGCACAGAGCGCCCCAGGGGCCCTTGCATGACC
TGGTTTCTGTGAATTCAGGTCCGTTCCAAAGTTCATGAAGAGGATCAAAGCTCCTGACTACCGAGACAA
GGCTGTCTTCGGTGTTCGCTCATAGTCCACGTTCAAGAAACAGGACAGCCCTGCCTCAGAGCATCCAA
CAAGCACTGAGGTATCTACGTAGCAACTGTCTGGATCAGGTGGGTCTTTCCGCAAGTCAGGAGTGAAGT
CTCGAATCCATGCCCTCCGTGAGATGAATGAGAACTTCCCTGACAATGTGAGCTATGAAGACCAGTCTGC
ATACGACGTGGCAGATATGGTGAAGCAGTTCTTCCGGACCTCCCTGAGCCCTGTTACCAACAAGCTC
AGCGAGACCTTCTCCACATCTATCAGTATGTCCCAAAGAGCAGCGGCTGCAGGCCGTGCAGGCAGCCA
TCCTGCTGCTGGCCGACGAGAACCAGGGAGGCCCTGCAGACTCTCCTGTGCTTCTGCATGACGTAGTAAA
CTTGGTGGACGAGAATCAGATGACGCCATGAATCTGGCCGTGTGCTGGCCCCCTCCCTCTTTACCTA
AACTTACTGAAGAAAGAAAGCTCCCAAAGTCAATCCAGAAGAAATACGCCACTGGGAAGCCAGATCAGA
AGGACCTCAATGAAAATCTAGCTGCGGCTCAGGGGCTGGCCACATGATCACGGAATGCAACCGACTCTT
TGAGGTTCCACACGAGATGGTGGCCAGTCTCGGGACTCCTACTTAGAGGCTGAAATCCATGTGCCACGC
CTGGAAGACTTGGGAGCACAGCTGGCGGAGAGCGGGCAACTTTTACACGTAAGTGGAGCATCTAGTCC
AAGGCCTCCAGAAAGAGGCTAAGGAGAAATCAAGGGATGGGTACATGTTCCAGCCCTGACAACACAGA
CCTTGCTTTCAAAAAGGTGGCGATGGGCACCCGCTGAAGCTGTGGAAAGCATCTGTGGAGGTGGAGGCA
CCACCTCCGTGGTGTGAACCGTGTGCTGAGAGAACGTCACCTGTGGATGAGGACTTTGTGCAGTGG
AGGTGGTGGAAAGATTGGACAAACAACGAAATCTACCAGTACGTGCTAAACAGCATGGTTCACATCC
CTCCAGAGACTTCTGGTGTCTCAGGACCTGGAAGACTGACCTGCCCAAAGGAATGTGCACCTGGTGTCC
CTGTCTGTGGAGTACGAAGAAGCCAGCTCATGGGTGGCGTGAGGGCGGTGGTGTGACTCTCAGTACC
TGATAGAACCCTGCGGTTCTGGCAAGTCCAGGCTGACCCACATCTGCAGAATAGACCTGAAGGGCCACTC
CCCAGAATGGTACAGCAAAGGCTTTGGACACCTCTGTGCGGCAGAAGTTACCAGAATTAGGAACTTTTC
CAGCCTCTCGTTGCTGAGGGTCCAGAAACAAAAATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR219198 representing NM_001163493
 Red=Cloning site Green=Tags(s)

MFSQVPRTPAAGCYLNLPTPESQEMYLRFDQTARRSPYRMSRILARHHLVTKIQQEIEAKEACDWLRAA
 GFPOYAQLYEDSQFPINIAAVKDKHDFLERDLVEPLCRRLNLTNKCASMRLDVNFQRKGGDSDEEDLCI
 SNKWTFFQRTSRRWSRVDDLHTLFPVADRNGSPGGPRMRNTASSEVLTDLSEPEVCSIHSESSGGSDSRS
 QSGHHSADSTHALEATLVSSSLPQSTREGLNQSFHPKNEKPTRTRAKSFLKRMDDLRVKDALGRHKGPGR
 TGGLVISRPVLQQEPESFKTMQCVQIPNGDLQTSPPAACRKGKPCSSKSSGESPLENSSTVSTPCMKER
 KCHHEANKRGGMYLEDLDVLAGTALPDTSDQNHMHGFHSQENLVVHIPKDHKPGTFPKALSIESLSPTDN
 SNGVNWRTGSISLGRQQGPMREPRMLSSCHRASRVSIYDNVPSHLYASTGDLLDLEKDGLLPQLDDIL
 QHVNGIQEVVDDWSKNILPELQSHSTLAGDPGLSPFPSPNQVTLDFEGNSVSEGRTPSPDVERDRTSLNE
 SEATGVRERRDSGVGASLTRPNRRLRWSSFQLSHQPQSPATPHISSQTAALNLLQRFSLRLTAIMEK
 YSMNKHGWTCLSAQSAPGALHDLVSVNSRSVPKFMKRIKAPDYRDKAVFGVPLIVHVQRTGQPLPQSIQ
 QALRYLRSNCLDQVGLFRKSGVKSRIMALRQMNENFPDNVSYEDQSAYDADMVKQFFRDLPEPLFTNKL
 SETFLHIYQYVPKEQRLQAVQAAILLLADENREALQTLCLFLHDVVNLVDENQMTMNLAVCLAPSLFHL
 NLLKKESPVKVIQKQYATGKPDQKDLNENLAAAQGLAHMITECNRLFVPHMVAQSRDSYLEAEIHVPS
 LEDLGAQLAESGATFHTYLEHLVQGLQKEAKEKFKGWVTCSSPDNTDLAFKKVGDGHPKLVKASVEVEA
 PPSVVLNRVLRERHLWDEDFVQWKVVERLDKQTEIYQYVLSMVPHPSRDFLVLRWKTDLPLKGMCTLVS
 LSVEYEEAQLMGVRAVVMDSQYLIEPCGSGKSRLTHICRIDLKGHSPEWYSKGFGLCAAETVIRNSF
 QPLVAEGPETKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9099_c11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

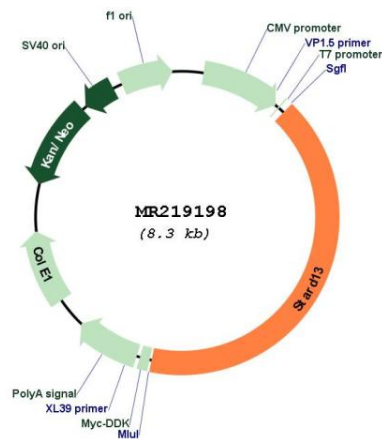


ACCN: NM_001163493

ORF Size: 3396 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:	<ol style="list-style-type: none"> 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:	<u>NM_001163493.1, NP_001156965.1</u>
RefSeq Size:	5638 bp
RefSeq ORF:	3399 bp
Locus ID:	243362
Cytogenetics:	5 G3
MW:	126.9 kDa
Gene Summary:	May function as a GTPase-activating protein.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR219198