

Product datasheet for **MR211098**

Dnajc6 (NM_001164583) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnajc6 (NM_001164583) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dnajc6
Synonyms:	2810027M23Rik; mKIAA0473
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR211098 representing NM_001164583
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCCAGCTATGGGGGAGGCCTTTTTGACATGGTGAAGGGCGGTGCAGGGAGGCTATTCAGTAACC
 TGAAGGACAACCTGAAAGACACTCTCAAAGATACATCCTCCAGGGTCATCCAGTCTGTTAGCAGCTACAC
 AAAGGGAGACCTAGACTTTACTTACGTACCTCCAGGATTATCGTGATGTCCTTTCTGTGGATAGTGTT
 GACATAGGATTCAGGAATCAGGTTGATGACATCCGTAGCTTTTTGGATTCCAGACATCTTGACCACTACA
 CAGTATACAACCTGTACCCCAAGCTTACCGAAGTCCACAGCCGGTCTCAGAGTGCAGTTG
 GCCCATCAGGCAGGCTCCAAGTCTACACAACCTGTTTGTGTGTAGGAATATGTATAACTGGCTACTG
 CAGAACCCCAAAAATGTCTGTGTGTCCACTGCTGGATGGACGGGCCGCGTCGTAATCCTGGTTGGTG
 CTATGTTCATTTTCTGTAATCTCTACTCCACGCCTGGCCCTGCTGTTGATTACTCTACGCAAAGCGACC
 AGGAATTGGACTGTCTCCGTCTCACAGGAGGACTTAGGCTACATGTGCGACCTACTTGCAGATAAGCCC
 TACCGCCCTCACTTCAAGCCACTCACGATCAAGGCAATCACTGTACAGCCAGTCCCTTCTTCAATAAGC
 AGAGAAATGGGTGCCGCCCTTACTGTGACGTTCTGATTGGAGAACTAAAATATATTCAACGTGCACAGA
 CTTTGAACGAATGAAAGAATACCGTGTCCAAGATGGGAAAATCTTCATCCCTCTGAACATCACAGTCCAA
 GGTGATGTCATCGTTTCCATGTACCACTTGCAGTCAACCATCGGGAGCCGGCTGCAGGCGAAGGTGACCA
 ACACACAGATATCCAGTCCAGTTTCTTCTGGGTTTATACCACTGGACACGACAGTTTTAAAGTTCAC
 CAAGCCTGAGCTGGATGCATGTATGTACCAGAAAAATCCTCAGCTGTTCCAAGTGACACTGGATATA
 GAAGTCCAGCCCCAAGACAAAGTATCGACTTAACTCCACCATGGGAACACTACTGCACAAAAGATGTGA
 ACCCCAGCATCTCTTCTCCTCTCAGCAGGAGCATCAGGACACTCTGGCCTTAGGGGGTCAAGCTCCAGC
 CGATCTCCACCCAGACCATCCAGGAATCTGGGCAAGGAGGCTCTTTGCCTCTCTGTTGGCAAGAT
 CAGAAATCAGAGAAGTACGCTGTGAGGAGGACCAGCTGCCCTGGTGAATCAGGAAAGTGAAGTGCAGT
 ATGATGAGCTACTGACTCTCTCCAGCCCCATGGCAATGCAGAGGGTGATAAGCCTCATGGAGCCAAAGAA
 GCCAGGCAAAAAGCAGCAGGAGCCAGCTGCGCCTCCTCCCCAGAGGAAGTGGACCTCTGGGCCTGGAA
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 TGTTTGGGGTGTAGGTGCCACAGTCTGCTCAGGCAGGACAGGCTGGGGTAGAAGATGTGTTTACATCC
 TAGTGGACCTGTGTGTCACAGTCCACACCGCCGACCCGACCTCCGCTCTGCATCGCAACCCTA
 AGAGTGGGAGAAGGTGCCACCTTTGACCCTTTGGAGCCCTGCTAAGCCACCAGGTGAGATTTGTTGG
 GCTCCTTTCTAAACACATCCAGTCTTCTAGCGACCCCTTCTGCAGCCACGAGAAGCCCTTCCCTAC
 AGTGCATGCTTCTAGTACTCCTGCTGTGAACATCCAGCCCGACATTGCTGGAGGTTGGGACTGGCACACC
 AAACCAGGAGTTTTGGAATGGGGAGCAAAATCCGCTGCCACCAGCCGACAGGCTCATACATGGCACCC
 CCACCCATCAGAGCAAGCCCCAGACTCTGGATCCCTTCGCTGACCTGGGGACACTAGGTAGCTTTCATT
 TGCCAGCAAACTACCACCCCAACTGGATTGGGTGGAGGATTTCCACCTCTCAGCTCACCAAGAAAGCA
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 CACAGTCCAGTATGCCTCACTCCTCCCTCAGAACCGACCCAATTACAACGTGAGCTTCTCGGCTATGCC
 TGCAGGGCAGAGCGAACGTGAAAAGGATCTACTAACTTGAAGGGAAACAAAAGGCTGCTGACTTTGAA
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 GAAAGGAGGAGATGGCTAAGGAAATGGATCCTGAAAAACTAAAAGTCTGGAGTGGATAGAGGGCAAGA
 GAGAAACATCAGAGCTCTGCTTTCCACAATGCACACCGTCTGTGGGCTGGGGAGACCAATGGAACCC
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 ACCCTGACAAGGCAACTGGGCAACCCTATGAACAATACGCAAAGATGATTTTCATGGAGCTAAATGATGC
 CTGGTCTGAATTTGAAAACCAAGGCCAAAAGCCCTTGTAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR211098 representing NM_001164583
Red=Cloning site Green=Tags(s)

MEPSYGGGLFDMVKGAGRLFSNLKDNLDKDTLSSRVISQSVSSYTKGDLDFYVTSRIIVMSFPVDSV
 DIGFRNQVDDIRSFLLDSRHLHDHYVYNLSPKSYRTAKFHSRVSECSWPIRQAPSLHNLFVCRNMYNLL
 QNPKNVCVVHCLDGRAASSILVGAMFIFCNLYSTPGPAVRLLYAKRPGIGLSPSHRRYLGYMCDLLADKP
 YRPHFKPLTIKAITVSPVFFNKQRNGCRPYCDVLIGETKIYSTCTDFERMKEYRVQDGKIFIPLNITVQ
 GDVIVSMYHLRSTIGSRLQAKVTNTQIFLQLFHSGFIPLDITTVLKFTKPELDACDVPEKYPQLFQVTLDI
 EVQPQDKVIDLTPPWEHYCTKDVNPSILFSSQEQEHQDTLALGGQAPADLPPDHPNRLGQGGFFASLCWQD
 QKSEKSRCEEDHAALVNQEQSDELLTLSSPHGNAEGDKPHGAKKPGKKQEPAAAPPPPEVDLLGLE
 GSDVSTNFSSLAAPPSSELLSDLFGVGATGPAQAGQAGVEDVFHSPGPVSAQSTPRRTATSASASPTL
 RVGEGATDFPGAPAKPPGQDLLGSFLNTSSASSDPFLQPTRSPSPVHASSTPAVNIQPDIAAGWDWHT
 KPGGFGMGSKSAATSPTGSSHGTPHQSKPQTLDPFADLGLTSSSFASKPTTPTGLGGFPPLSSPQKA
 SPQPMGGGWQAPAGYNWQQTQSKPQSSMPHSSPQNRPNYNVFSAMPAGQSERGKSTNLEKQKAADFE
 DLLSSQGFNAHKDKKGPRTIAEMRKEEMAKEMDPEKLIKLEWIEGKERNIRALLSTMHTVLWAGETKWKP
 VGMADLVTPEQVKVYRAVLVHPDKATGQPYEQYAKMIFMELNDAWSEFENQGGKPLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

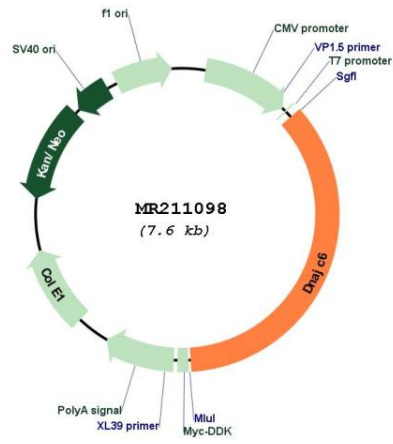
Cloning Scheme:



ACCN: NM_001164583

ORF Size:	2904 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 Size:	5220 bp
RefSeq ORF:	2907 bp
Locus ID:	72685
UniProt ID:	Q80TZ3
Cytogenetics:	4 C6
MW:	105.9 kDa
Gene Summary:	Recruits HSPA8/HSC70 to clathrin-coated vesicles and promotes uncoating of clathrin-coated vesicles. Plays a role in clathrin-mediated endocytosis in neurons.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR211098