

Product datasheet for **MC220834**

Dnajc6 (NM_001164583) Mouse Untagged Clone

Product data:

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



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Fully Sequenced ORF: >MC220834 representing NM_001164583
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGCCTCCTCGGGAGCTACCGAAAAAGACCAGCAGCGATGGTTATGAATCTTTGCGACTGGTGGACA
 GTCACGGGGACTCGAGCGCACGGGGCGCGCGCTGGCACGCAGAGGGCGACCGCGGGCGCGGTGCGTAG
 TCCCGCCCGCAGCCTCCGCACCGCGCCAGCACCGGACAGCTCAGGTGCCTCGTCTCCAGACATGGAG
 CCCAGCTATGGGGGAGGCCTTTTTGACATGGTAAAGGCGGTGCAGGGAGGCTATTACAGTAACTGAAGG
 ACAACTTGAAAGACACTCTCAAAGATACATCCTCCAGGGTCATCCAGTCTGTTAGCAGCTACACAAAGG
 AGACCTAGACTTTACTTACGTACCTCCAGGATTATCGTGATGCCTTTCCTGTGGATAGTGTGACATA
 GGATTCAGGAATCAGGTTGATGACATCCGTAGCTTTTTGGATTCCAGACATCTTGACCACTACACAGTAT
 ACAACTTGTACCCAAGTCTTACCGAAGTCCCAAGTCCACAGCCGGGTCTCAGAGTGCAGTTGGCCCAT
 CAGGCAGGCTCCAAGTCTACACAACCTGTTTGGCTGTGTAGGAATATGTATAACTGGCTACTGCAGAAC
 CCCAAAAATGTCTGTGTTGTCCACTGCTTGGATGGACGGCCCGCTCGTCAATCCTGGTTGGTGCTATGT
 TCATTTCTGTAATCTCTACTCCACGCCTGGCCCTGCTGTTTCGATTACTCTACGCAAAGCGACCAGGAAT
 TGGACTGTCTCCGTCTCACAGGAGTACTTAGGCTACATGTGCGACTACTTGCAGATAAGCCCTACCGC
 CCTCACTTCAAGCCACTCACGATCAAGGCAATCACTGTACGCCAGTTCCTTCTCAATAAGCAGAGAA
 ATGGGTGCCGCCCTTACTGTGACGTTCTGATTGGAGAACTAAAAATATTTCAACGTGCACAGACTTTGA
 ACGAATGAAAGAATACCGTGTCCAAGATGGGAAAACTTCATCCCTCTGAACATCACAGTCCAAGGTGAT
 GTCATCGTTTCCATGTACCACTTGCCTCAACCATCGGGAGCCGGCTGCAGGCGAAGGTGACCAACACAC
 AGATATCCAGCTCCAGTTTCACTTCTGGGTTTATACCACTGGACACGACAGTTTTAAAGTTCACCAAGCC
 TGAGCTGGATGCATGTGATGTACCAGAAAAATATCCTCAGCTGTCCAAGTGACACTGGATATAGAAGTC
 CAGCCCCAAGACAAAGTATCGACTTAACTCCACCATGGGAACACTACTGCACAAAAAGATGTGAACCCCA
 GCATCCTCTTCTCCTCTCAGCAGGAGCATCAGGACACTCTGGCCTTAGGGGGTCAAGGCTCCAGCCGATCT
 CCCACCAGACCATCCAGGAATCTTGGCAAGGAGGCTTCTTTCCTCTCTGTGGCAAGATCAGAAA
 TCAGAGAAGTACGCTGTGAGGAGGACCAGCTGCCCTGGTGAATCAGGAAAGTGAAGCAGTCAAGTATG
 AGCTACTGACTCTCTCCAGCCCCATGGCAATGCAGAGGGTGATAAGCCTCATGGAGCCAAGAAGCCAGG
 CAAAAAGCAGCAGGAGCCAGCTGCGCCTCTCCCCAGAGGAAGTGGACCTCTGGGCTGGAAGGCTCT
 GATGTGAGCACGAACTTCTTCTTGGCAGCTCTCCAGCAATCTGAGTTGCTGAGTGCCTGTTTGG
 GGGTGTAGGTGCCACAGGCTCTGCTCAGGCAGGACAGGCTGGGGTAGAAGATGTGTTTTCATCCTAGTGG
 ACCTGTGTCTGCACAGTCCACACCGCGCGGAACCGCCACCTCCGCCTCTGCATCGCAACCCTAAGAGTG
 GGAGAAGGTGCCACCTTTGACCTTTTGGAGCCCTGTAAGCCACCAGGTCAAGATTTGTTGGGCTCCT
 TTCTAAACACATCCAGTGCTTCTAGCGACCCCTTCTGACGCCACGAGAAGCCCTTCCCTACAGTGCA
 TGCTTCTAGTACTCCTGTGTGAACATCCAGCCGACATTGCTGGAGGTTGGGACTGGCACACCAAAACCA
 GGAGGTTTTGGAATGGGGAGCAAATCCGCTGCCACCAGCCGACAGGCTCATCACATGGCACCCCAACC
 ATCAGAGCAAGCCCAAGACTCTGGATCCCTTCTGCTGACCTGGGGACACTAGTAGCTCTTCAATTTGCCAC
 CAAACCTACCACCCCAACTGGATTGGGTGGAGGATTTCCACCTCTCAGCTCACCACAGAAAGCATCCCC
 CAGCCAATGGGTGGAGGTTGGCAGCAGCCAGCCGCTACAACCTGGCAGCAGACACAGTCTAAGCCACAGT
 CCAGTATGCCTCACTCCTCCCCTCAGAACCGACCAATTAACAACGTGAGTTCTCGGCTATGCCTGCAGG
 GCAGAGCGAACGTGAAAAGGATCTACTAATTGGAAGGGAAACAAAAGGCTGCTGACTTTGAAGATCTG
 CTTTCTAGTCAAGGCTTCAATGCACACAAAGACAAAAAGGGCCTCGAACAAATAGCTGAGATGAGAAAGG
 AGGAGATGGCTAAGGAAATGGATCCTGAAAACTAAAGATCCTGGAGTGGATAGAGGGCAAAGAGAGAAA
 CATCAGAGCTCTGCTTCCACAATGCACACCGTGTGTGGGCTGGGGAGACCAAAATGAAACCCGTGGGC
 ATGGCGGATCTGGTGACCCGGAGCAAGTGAAGAAGGTGTACAGGAGGGTGTGCTAGTGGTGCACCCTG
 ACAAGGCAACTGGCAACCTATGAACAATACGCAAAGATGATTTTCATGGAGCTAAATGATGCCTGGTC
 TGAATTTGAAAACCAAGGCCAAAAGCCCTGTAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001164583
Insert Size:	2907 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_001164583.1</u> , <u>NP_001158055.1</u>
RefSeq Size:	5220 bp
RefSeq ORF:	2907 bp
Locus ID:	72685
UniProt ID:	<u>Q80TZ3</u>
Cytogenetics:	4 C6
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>