

Product datasheet for **MR228446**

Dnajc5 (NM_001271584) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dnajc5 (NM_001271584) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Dnajc5
Synonyms: 2610314I24Rik; AU018536; Csp
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR228446 representing NM_001271584
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGACCAGAGGCAGCGCTCACTCTACTTCCGGGAATCATTATACCATGTTCTTGGACTGGACA
 AGAATGCAACCTCAGATGACATTAAGTCTATCGGAAGCTGGCCCTGAAGTATCACCTGACAAGAA
 CCCTGATAACCCAGAGGCTGCAGACAAGTTAAGGAGATTAACAACGCACAGCCATCTGACAGACGCC
 ACGAAAAGAAACATTTATGACAAGTATGGCTCGCTGGGCTCTATGTGGCGGAGCAGTTTGGGGAGGAGA
 ACGTCAACACCTACTTCGTACTCTCCAGCTGGTGGCCAAGGCGCTGTTTGTGTTGTGGCCTCCTCAC
 CTGCTGCTACTGCTGCTGCTGTTTGTGCTGTTGCTTTAACTGCTGCTGTGGAAATGCAAGCCCAAGGCA
 CCTGAGGGTGAGGAGACAGAATTCTACGTATCCCTGAAGACTTGAGGACACAGCTGCAGTCTGATGAAA
 GGGAGGCTACAGACACCCGATCGTCATACAGCCAGCATCTGCCACAGAGACCACCCAGCTGACAGCTGA
 CTTCCACCCAGCTATCACACCGACGGTTCAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228446 representing NM_001271584
 Red=Cloning site Green=Tags(s)

MADQRQSLSTSGESLYHVLGLDKNATSDDIKKSyrKLALKYHPDKNPDPNPEADKFKEINNAHAILTDA
 TKRNIYDKYGLGLYVAEQFGEENVNTYFVLSWWAKALFVVCGLLTCCYCCCLCCCFNCCCCKPKPA
 PEGEETEFYVSPEDLEAQLQSDEREATDTPIVIQPASATETTQLTADSHPSYHTDGFN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



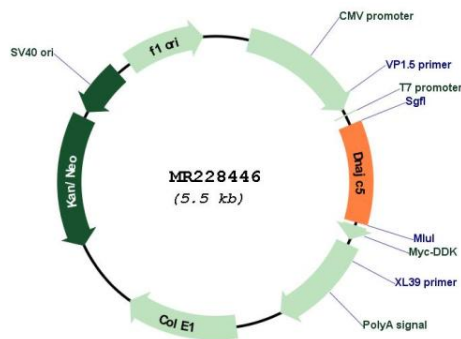
[View online »](#)

Cytogenetics: 2 103.63 cM

MW: 22.1 kDa

Gene Summary: Acts as a co-chaperone for the SNARE protein SNAP-25 (PubMed:22187053). Involved in the calcium-mediated control of a late stage of exocytosis (PubMed:20847230). Acts as a general chaperone in regulated exocytosis (By similarity). May have an important role in presynaptic function (By similarity). May be involved in calcium-dependent neurotransmitter release at nerve endings (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR228446