

## Product datasheet for **MC206808**

### **Dnajc5 (BC012268) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dnajc5 (BC012268) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnajc5
Synonyms:	2610314I24Rik; AU018536; Csp
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC012268

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TCTGCCGCTGCTACGGCTGTGCGCCGCCCGGATCCTCAGGCCGAGCAGTAGGCCGGCCGGCTGCCACCA
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ACCCCCTGCTTGCCTTCGCTTCCACCTGTCACTATCAATGCCTCTGGCAGCTGGAGTGTGGGTTCTGG
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CGGCTCACGGAGCCTGTTCTACAGAACTAGTTCAGGACAGCCAGGACTACACACAAAGAAATCCTGTCT
TAAGAAAAAAAAAAAAAAAA

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- Restriction Sites:** RsrII-NotI
- ACCN:** BC012268
- Insert Size:** 615 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:**
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:** [BC012268](#), [AAH12268](#)
- RefSeq Size:** 3659 bp

RefSeq ORF: 615 bp

Locus ID: 13002

Cytogenetics: 2 103.63 cM

**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]