

Product datasheet for **MC207879**

Dnajc27 (NM_153082) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dnajc27 (NM_153082) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dnajc27
Synonyms: A1639580; C330021A05Rik; Rabj; Rbj
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207879 representing NM_153082
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGACCAACGTGCCGAAGAGGAAGGAGCCCGCAAGTCCCTCCGCATCAAAGTCATCTCCATGGGCA
ACGCCGAAGTGGGAAAAGCTGTATTATAAAGCGCTACTGTGAGAAGAGATTTGTGTCTAAATACCTGGC
AACCATCGGGATTGACTATGGAGTCACAAAGGTCCAAGTCAGAGACAGAGAGATCAAAGTTAACATCTTT
GACATGGCTGGACATCCCTTCTTCTTTGAGGTCCGAAATGAGTTTTACAAGGACACACAAGTGTGATAC
TAGTCTATGATGTTGGACAGAAAGACTCATTTGATGCCCTTGATTTCGTGGCTGGCAGAGATGAAGCAGGA
GCTTGGGCTCACGGGAACATGGACAACATTGTCTTTGTTGTTTGTGCCAACAAGATCGACTGCTCCAAA
CACCGCTGCATCGATGAAAGTGAGGGCGTCTCTGGGCTGAAAGCAAAGGTTCTCTGACTTTGAAACAT
CAGCACAACCTGGAGAGGAATCAACGAGATGTTCCAGACCTTTTACTTGTCCATAGTTGACTTGTGTGA
AAATGGCGGGAAGCGTCTACTGCAAGTAGCAGTGCTAGTTTACCAAAGAACAAGCAGACACTATTCCG
AGAATCCGAAATAGTAAGGACAGCTGGGAGATGCTAGGAGTCAGACCTGGAGCCTCAAGGGAGGAAGTTA
ATAAGGCTACCGAAGCTGGCTGTGCTTACCCGGACAAGTGTGTAGCACCAGGCAGTGAAGATGC
CTTCAAAGCAGTTGTGAATGCCCGGACAGCCCTCTGAAAAACATCAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_153082
Insert Size: 822 bp



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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:	NM_153082.4 , NP_694722.2
RefSeq Size:	4713 bp
RefSeq ORF:	822 bp
Locus ID:	217378
UniProt ID:	Q8CFP6
Cytogenetics:	12 A1.1
Gene Summary:	GTPase which can activate the MEK/ERK pathway and induce cell transformation when overexpressed. May act as a nuclear scaffold for MAPK1, probably by association with MAPK1 nuclear export signal leading to enhanced ERK1/ERK2 signaling.[UniProtKB/Swiss-Prot Function]