

Product datasheet for **RN214032**

Dnajc14 (NM_053690) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnajc14 (NM_053690) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dnajc14
Synonyms:	Drip78
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214032 representing NM_053690
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAGAAGCACCCGGGAGAAAGAGGTTGTGTGGAGTCCACCACAGTGGTGGTTCCTCCCTCATT
 CATCAGGATCCTCTGTGGACCCGAAACTTTTATTCTCAGGACTCAGGGACTCGAAAGAGACTGCTCC
 TAATGGTACACGCTGCCTCAAAGAGCACTCCGACCCTAAGTGCACACAACCTCCAAACCCAGCCACTGG
 TCGGATCCAAGCCATGGTCTCAAGGGGTCCAGGACCACCTAGAGAAGGAGGCTACCCTGATGAGAGCG
 AGACATGTTCCGAAGAGTCAGGAGTGGACCAGGAACCTCAAGAGAGAATGAGACTGGGTACCAGGAGGA
 TGGGAGTCTTTTCTTCCATTCCATCTGCTTGTAACTGCCAGGGAAGCCCTGGGGTCCCTGAAGGG
 ACTTGTCTGAGGAAGGAGACGGCTCTTCTAGCAGCTTTTCCACCCTGCACCTCTCCAGCCTTGGGGG
 AAGATGAAGAGTTAGAAGAAGAATACGATGATGAGGAACCTCTAAATTTCCAGTGATTTTTACGTGT
 GTCCAGTGAAAGAAACCCCGTCCCGAAGGCAGAGGCACCGTTTCTGACCAAGGAGGATGTTCCGGAC
 AGTGGACGCAGAGATCCCAAGGCCCCAGGCCGTATCGGCTGGCCGAAAACGAAGTCAGACAGATAAGC
 GCAGAGGCCCTGGGACTGTGGGGAGTAGAGGAACCTATGTCAGCTTGGACAGGCAGGCTTCTGGTGGCTGAT
 TGAAGTGTGGTATTGGTGGGAGAGTATGTGAAACCTGTGGCTATCTCATTACGCATGCAGGAAGTTG
 AAAGGCAGTGACCTGGACCTTTTCCGAATCTGGGTGGGGGTCTGGGCCAGGAGATTGGGGGGCTGGGCC
 GAGTGTGTTCCAGTTTCTAAGTCAGAGCTTCTCAGTGTGGCAGGGCTGTTTCATCCGTTTGGTTAGGGT
 AGTGGGTGCTTCTCCTCCTGGCTTAGCCCTTTTTGGGGTGTCTGCAGTTGGGCTGGAGGTTTTTG
 GTGGGACTGGGCGACCGCTAGGCTGGAGGGTAAGCCGCTTGGCTGTTCTCGTGGCTGGATTCTCCAG
 CTTTGCATATTTCTTGACTCTGCTGAAAGATAGCAGACCATGGCAGCAGCTGGTGAGAGTAATTCAGTG
 GGGCTGGCTAGAGCTGCCCTGGGTCAAGCAGAGGACTCAGAGGCAGGGCACTGCCCATGTAGCTAGCGGG
 CGATACTGCCAGCCTGAAGAGGAAGTCGCCGACTCTTGACCATGGCAGGGGTTCTGAAGTGAACATA
 ACCCTTTTTCATGTGCTGGGGTTGAAGTACAGCATCCGATATTGAACTAAAGAAGGCCTATAGGCAGCT
 AGCGGTGATGGTCCATCCTGATAAAAAATCACCATCCCCGGGCTGAGGAGGCCTTTAAAGTTTTGCGGGCA
 GCTTGGGACATCGTCAGCAATCCAGAGAGGCGGAAGGAATATGAGATGAAACGGATGGCAGAGAATGAGC
 TCAGCCGCTCGGTGAATGAGTTTCTGTGCAAGCTACAAGATGACCTCAAGGAGGCAATGAATACGATGAT
 GTGCAGCCGGTGCCAAGGAAGCATAGGAGTTTGAATGGACCGGAACCAAGAGTCCAGATACTGT
 GCCGAGTGAACAGGTTGCATCCTGCTGAGGAAGGAGACTTCTGGCAGAGTCAAGCATGTTGGGCCTCA
 AGATCACCTACTTTGCACTGATGGATGGGAAGGTGATGACATCACAGAGTGGGCTGGATGCCAGCGTGT
 GGGCATCTCCCCAGATACCCACCGAGTTCCTTACCACATCTCATTGGTTCTCGGGTACCAGGCACCAGC
 GGCCGACAAAGGGCCACTCCAGAGTCCCCTCCTGCTGACCTGCAGGATTTCTTGAGCCGGATCTTTCAAG
 TACCTCCAGGGCCGATGTCCAATGGGAACCTTTTCCCGCACCTCACCTGGCCCTGGGACTACTTCAAC
 CTCCAGGCCAACAGTTTCAGTACCCAAGGGAGAAGCCAAACCTAAACGGCGGAAGAAAGTGAGGCGGCC
 TTCCAACGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053690

Insert Size: 2112 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_053690.2</u> , <u>NP_446142.2</u>
RefSeq Size:	2936 bp
RefSeq ORF:	2112 bp
Locus ID:	114481
UniProt ID:	<u>Q5XIX0</u>
Cytogenetics:	7q11
Gene Summary:	ER-membrane-associated protein; may be involved in ER export regulation of a GPCR [RGD, Feb 2006]