

## Product datasheet for **RR215249**

### Dazap1 (NM\_001025742) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Dazap1 (NM\_001025742) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Dazap1  
 Synonyms: MGC114376  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RR215249 representing NM\_001025742  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAACAGCGCGGGCGCCGACGAAATCGGGAAGCTCTTTGTGGGCGGCCTGGACTGGAGTACCACTCAAG  
 AGACTCTGCGCAGCTACTTTTCCAGTATGGTGAGGTTGTGGATTGTGTCATCATGAAAGATAAAACCAC  
 CAACCAGTCTCGAGGCTTTGGATTTGTCAAGTTTAAAGACCCCAATTGTGTGGGACAGTCTGGCCAGC  
 AGACCACACACCTAGATGGCCGGAATATTGACCCGAAGCCATGCACACCTCGGGGGATGCAGCCAGAGC  
 GAACGCGGCCAAGGAAGGCTGGAAGGACCCAGGAGCGACAGCAGCAAAATCCAACAAGATCTTTGTTGG  
 GGGCATTCCCCAACAAGTGCAGGAGACGGAGCTCAGGGAGTACTTCAAGAAGTTTGGAGTGGTCACAGAG  
 GTCGTTATGATCTATGATGCCGAGAAGCAGCGGCTCGAGGTTTTGGATTTATTACTTTCGAGGACGAAC  
 AATCAGTGGACCAGGCTGTCAACATGCATTTTACGACATCATGGGCAAAAAAGTGGAGGTTAAACGGGC  
 TGAACCTCGGGACAGCAAAAACCAAGCACCAGGACAGCCAGGAGCCAGCCAGTGGGGCAGCCGCTGGCG  
 CCCAGTGCAGCCAACGGCTGGGCGGGCCAGCCCCGCCAACGTGGCAACAAGGATATGGCCACAAGGAA  
 TGTGGTGCCAGCAGGACAGGCCATTGGTGGCTATGGCCACCCCTCGGGCAGAGGAGCCCGCCCCC  
 GCCCCACCCCTTACCTCTACATTGTGTCCACACCTCCTGGAGGCTTCCCCCACCACAGGGCTTCCCA  
 CAGGGCTACGGCGCTCCACCACAGTTTCAAGTTTGGCTACGGTCTCCGCCCCACCCCTGATCAGTTTCG  
 CCCCTCCAGGGTCCCTCCTCCACCTGCCACCCAGGGGCTGCCCACTGGCCTTCCCACCCTCCGTC  
 TCAGGCTGCCCAGACATGAGCAAAACCCCAACAGCCAGCCGACTTCCCCTATGGTCAATATGGTTAC  
 GGGCAGGACTTGAGCGGCTTCGGCCAGGGCTTCTCAGACCCAGCCAGCAGCCGCTCCTATGGGGCC  
 CCTCTGTGCCGGGCTCAGGGGTCCCCCGCTGGTGGCAGTGGCTTCGGACGTGGCAGAACCAACGT  
 GCAGGGCTTCCATCCCTACAGGCGC

**ACGCGT**ACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR215249 representing NM\_001025742  
 Red=Cloning site Green=Tags(s)

MNSAGADEIGKLFVGGLDWSTTQETLSYFSQYGEVVDVCIMKDKTTNQRSRFGFVKFKDPNCVGTVLAS  
 RPHTLDGRNIDPKPCTPRGMQPERTRPKEGWKGRSDSSKSNKIFVGGIPHCGETELREYFKKFGVVTE  
 VVMIYDAEKQRPRGF GFITFEDEQSVDAQVNMHFHDIMGKKVEVKRAEPRDSKNQAPGQPGASQWGSRVA  
 PSAANGWAGQPPPTWQQGYGPGQGMWVPAGQAIGGYGPPPAGRGAPPPPPFTSYIVSTPPGGFPPPQGF  
 QYGGAPPQFSFGYGGPPPPDQFAPPGVPPPPATPGAAPLAFPPPPSQAAPDMSKPPTAQPDFPYGQYGY  
 GQDLSGFQGFSDPSQQPPSYGGSPVPGSGGPPAGGSGFGRGQNHNVQGFHPYRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

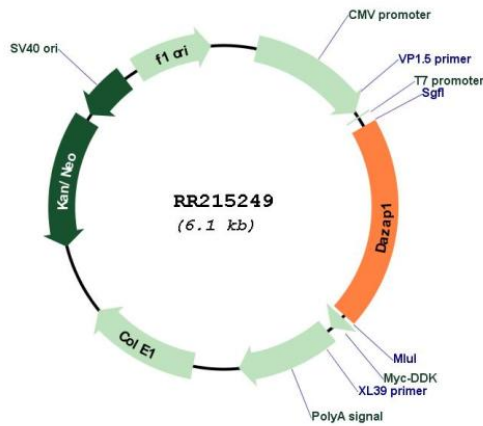
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001025742

<b>ORF Size:</b>	1215 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_001025742.1</a> , <a href="#">NP_001020913.1</a>
<b>RefSeq Size:</b>	1574 bp
<b>RefSeq ORF:</b>	1218 bp
<b>Locus ID:</b>	362836
<b>Cytogenetics:</b>	7q11
<b>MW:</b>	43.1 kDa