

## Product datasheet for **RR209727**

### **Dhx58 (NM\_001098788) Rat Tagged ORF Clone**

#### **Product data:**

|                    |   |
|--------------------|---|
| Product Type:      | Expression Plasmids                       |
| Product Name:      | Dhx58 (NM_001098788) Rat Tagged ORF Clone |
| Tag:               | Myc-DDK                                   |
| Symbol:            | Dhx58                                     |
| Synonyms:          | Lgp2; RGD1310093                          |
| Vector:            | pCMV6-Entry (PS100001)                    |
| E. coli Selection: | Kanamycin (25 ug/mL)                      |
| Cell Selection:    | Neomycin                                  |



[View online »](#)

ORF Nucleotide  
Sequence:

>RR209727 representing NM\_001098788  
Red=Cloning site Blue=ORF Green=Tags(s)

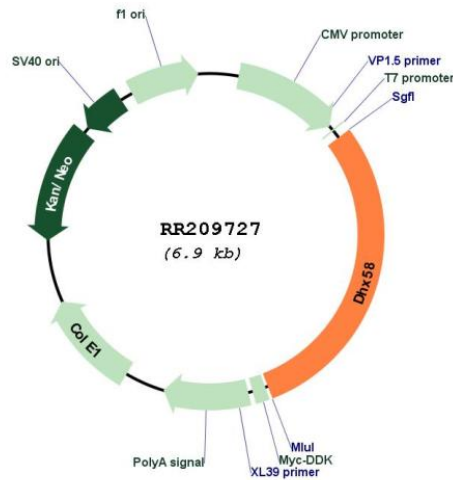
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGGAGCTGCGACCTACCAGTGGGAAGTGATCTTACCTGCTCTGGAGGGCAAGAACATCATTATATGGC  
TTCCACGGGTGCTGGGAAGACCGGGCAGCTGCCTTTGTGGCCAAGAGGCATCTAGAGACAGTAGACCG  
AGGCAAGGTGGTGGTACTGGTTAATAGGGTACACCTGGTGAACAGCATGCCGAGGAGTTCAGGCGCATG  
TTGGATAAAACAATGGACCGTGACAACCTGAGTGGGGACATGGGATCACGAGCTGGTTTTGGCCTATTGG  
CTCGGAGCCATGACCTGCTCATCTGTACGGCAGAGTACTGCATCTGGCGCTGAAGAGCTCTGAGGAGGA  
TGAACACGTAGAGCTCACAGAATTCTCGCTGATTGTGGTGGACGAGTGTACCATACCCACAAGGACACC  
ATCTACAACACCATCTTGAGCCGGTACCTAGAGCATAAACTGAAGAAGGCAAAGCCCTTCCCCAGGTCC  
TGGGTCTCACAGCCTCCCAGGCACTGGAGGAGCCACCAAGCTCCAAGGGGCCATTGACCACATCTTACA  
GCTCTGTGCGAATTTGGATACGTGGCGCATCATGTACCGAAGAATTGCTACTCCAGCTGCTGGAGCAT  
AACCCAAAGCCCTGCAAGCAGTATGACCTCTGCCAAAGGCGCACGAGGATCCTTTTGGAGACTTGCTAA  
AAAAGCTTATGAAGCAAATCCACCAACAAGTAGAGATGCCTGACCTGAAGCAGCAGTTCCGAACCCAGAT  
GTATGAGCAGCAAGTGGTACAGTTAAGCAAGGACGCGGCAGAGGCTGGGCTCCAGGAACAGCGGGTGTAT  
GCGCTGCATTTGCGGGCTACAATGATGCTCTATATCCACGATACGGTCCGTGCGTGGGACGCACTTA  
ACATGTTGCAAGATTTCTACGACACAGAACGCGCCCTAAAAACACAGATGGTGCATGCTGAGCGCTGGCT  
GCTGGAGCTGTTGATGACCATAGAAAAGCTCTGGCCAGTTTGCAGCCCAAGGTCTGAGAACCCGAAG  
TTGGAGATGCTGGAAGGGATCCTACTGAAGCAGTTTGGGAGTCTGACCACACTCGGGGTATCATCTTCA  
CCAGAACCCTCAGACTGCTTCTCCCTCCTGCTGGCTTCGGCAGCAACCTTGCTACAGACTGTGAA  
CATCAAGCCCCAGATGCTGATTGGAGCAGGGAACACAGGCCAGAGCACACATATGACCCAGAAAGACCAG  
CAAGAGGTGATCCAGGAGTTCAGGGATGGTAAACTGAACCTTCTAGTGGCCACAAGTGTAGCAGAGGAGG  
GCCTGGATATCGCTCAGTGAATGTGGTGGTGCCTATGGGCTCCTGACCAATGAGATCTCCATGGTCCA  
GGCTCGGGGTGCGCTCGAGCTGGTCCAGAGTGTACTCCTTCGTGGCTACAGAGGGCAGTCCGGAGATA  
AAGCGGGAGCTGACCAATGAGGCACTGGAAGTGTGATGGAGCAGGCAAGTGGCCGCTGTCCAGAAAATGG  
ACCCTGAGGAGTTCAGGCCAAGATCCAGGACCTTCAGCTAGCATCTCTAGTTAAGCGAGCAGCAGTGC  
GGCCCATCGGAGAGCCAGCAGGGGAGTCCCACCAGATCGCGTGCAGTCTCTGATCAACTGTATG  
GTGGCCGTTGGCTACGGGAGTACCTGCGGAAGGTGGAGGGCACCCACCAGTCAATGTGAACCCCGACT  
TCTCGGTCTACTATACCACTTCCAGAATCCTGTGGTCATTAACAAGGTCTTTAAGGACTGGAAACCTGG  
AGGAATCATCAGATGCACTAAGTGTGGAGAGTCTGGGGCTTCCAGATGATCTACAAATCAGTGACCTTG  
CCGGTGTCAAAATCAGAAGCATGCTTCTGGAGACCCCTCACGGGAAGATCCAGGCCAAAAGTGGTCCC  
GAGTGCCTTTCTCAGTACCTGACTTCGACATTCTGCGGGATTGCACCCAAAGCCTGTCTGATCTCTCACT  
GGACGGAC

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



## Plasmid Map:



ACCN: NM\_001098788

ORF Size: 2034 bp

**OTI Disclaimer:** 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. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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: [NM\\_001098788.1](#), [NP\\_001092258.1](#)

RefSeq Size: 2377 bp

RefSeq ORF: 2037 bp  
Locus ID: 303538  
Cytogenetics: 10q31  
MW: 76.9 kDa