

## Product datasheet for **RR208043**

### Hexim2 (NM\_001107054) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Hexim2 (NM\_001107054) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Hexim2  
**Synonyms:** RGD1311635  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR208043 representing NM\_001107054  
**Red**=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCACTCTGAACCATACCAACTGTAATTCAGCGTCACCAGCTGCTCTGGAGAAGACGAAGACTTCTG  
GTGGTCTTCGGAGCCCCAGATAGCCCATGAGCCTCATGACTTCGGTGGTCCCTGCTTCTGCAACCAGG  
AAGGGAGATTCATCAGAGGATGAAGGGACTGCCCCAGCCGGCGATGGCTCAAGTTGTAACATTAGGGGT  
TCTCGAACCCAGAGCCCAGGGGGCTGTTCAAGTGGAGGCGGTGCTGGCCCGAAGAAAACACCGTAGGCGGC  
CATCAAAACGCAAGCGGCACTGGCGGCCATACTTGGAGCTGAGCTGGGCTGAGAAGCAACAGCGGGATGA  
GAGGCAGAGCCAGAGGGCCTCTCGGGTCCGCCAGGAGATGTTCCGCAAAGGCCAGCCCCTGGCACCCCTAC  
AACACCACCCAGTTCCTTATGAATGACCGTGACCTGGAGGAGCCTAACCTCGATGTGCTCCATGGGCCCT  
CCCACGCGGACTCCGGTGGGGAGAATGAAGCAGGGGACAGTATGGGCTAGGGCGAGCGCATGGGAATT  
TCAGCAGAGGGACTTCTCAGAGGCCTATGAGCGGTACCACACTGAGAGCCTTCAGGGCCGAGCAAGCAG  
GAGCTGGTGGAGACTACCTGGATCTAGAGAGGCGTCTGTCCCAGGCTGAGCAGGAACTCGGAGGCTTC  
AGCAGCTTCAGGGACGCCCCAGCAGGCAACCTGCCAGCAGGTGGAAGAGCTGGCGGCTGAGGTGGAGAG  
GCTCCGAACTGAAAACCGGACTTCGGCAGGAGAACGAGATGTGGAACCGAGAGGGCAGCTACTGTGAC  
CGGGAGAAGACAGCCGCAAGGGACCCCTCGGCCAAGGATGAGGCCCACTTCAGACCCGCTCGGGCC  
AGCTGGGTACAGGGAGGCAGGTGACAGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR208043 representing NM\_001107054  
Red=Cloning site Green=Tags(s)

MATLNHTNCNSASPAALEKTKTSGGLRSPQIAHEPHDFGGSLLLQPGREIQSEDEGTAPAGDGSSCNIRG  
 SRTQSPGGCSVEAVLARKKHRRRPSKRKRHWRYLELSWAEKQQRDERQSQRASRVQEMFAGKQPLAPY  
 NTTQFLMNDRLDLEPNLDVHLHGPHADSGGENEAGSDGLGRAHGEFQQRDFSEAYERYHTESLQGRSKQ  
 ELVRDYLDLERRLSQAEQETRRLLQQLQGRPSRQPCQQVEELAAEVERLRTENQRLRQENEMWNREGSYCD  
 REKTAEEGTPRPKDEAPLQTRSGQLGHREAGDR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

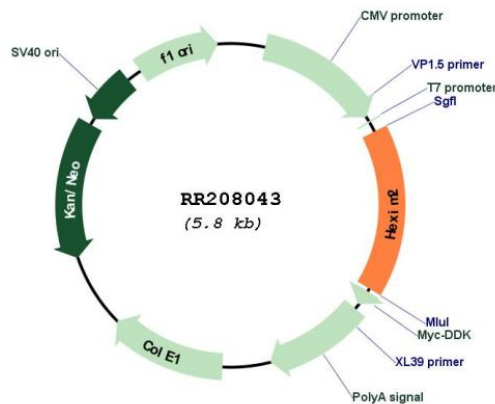
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001107054

**ORF Size:** 939 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_001107054.2</a> , <a href="#">NP_001100524.1</a>
<b>RefSeq Size:</b>	1480 bp
<b>RefSeq ORF:</b>	942 bp
<b>Locus ID:</b>	303580
<b>Cytogenetics:</b>	10q32.1
<b>MW:</b>	35.5 kDa