

## Product datasheet for RR214567

### Plekha3 (NM\_001013077) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Plekha3 (NM_001013077) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Plekha3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR214567 representing NM_001013077 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGGAGGGGGTTCTGTACAAGTGGACCAACTATCTCACAGGTTGGCAGCCTCGATGGTTTGTCTGGATA  
ATGGAATCCTGTCTACTATGACTCACAGGACGATGTCTGCAAAGGGAGCAAAGGGAGTATAAAGATGGC  
GGTCTGTGAGATTAAGTCCATTACAGCAGACAACAAGAATGAATTAATCATTCCAGGAGAGCAGCAT  
TTCTACATGAAGGCAGTAAATGCCGCCGAGAGGCAGAGGTGGCTGGTTGCCCTTGGGAGCTCCAAAGCGT  
GTTTGACTGACACAAGGACTGCAAAAGAAAAAGAAATAAGTGAGACCAGTGAATCTCTGAAAACAAAAAT  
GTCTGAGCTTCGCCTCTACTGTGACCTCCTAATGCAGCAGGTTTACATAATCCAGGAGTTTGTCCACCAT  
GATGAGGATCATTATCGCCAGTGTAGAGAACATGAATGAAGCCTTTCCTTGCTTAGTGCCACCTGTA  
ATACATTCATCACAACCCTTGAGGAATGTGTGAAGATAGCGAACGCCAAGTTTAAACCTGAGATGTTTCA  
ACTGCCTCATCCGGATCCCCTGGTCTCTCCTGTGTGCCTTCTCCTGTTTCCAGATGATGAAGCGTTCAGCA  
AGCCACCCTGGTCCCTGCAGTTCGAGAGGAGTAGCTGCTCCATCAAAGAACCAGCATCTGCCCTTACC  
GACTTCTCAGCGACGCCGAGAACCTACTCGGACACAGACTCTTGTAACGATGTTCCCCAGAAGACCC  
AGAGAGACCTTCTCACTGTTTCCAGGAAACACACTTAATGGAGATCTGGCATCAGCAGCCATTCCGGGAAGAA  
AGCAGACTTACGGCCAAGACACACTCTGAATCTGAAGAACCTTTCGCCCTTCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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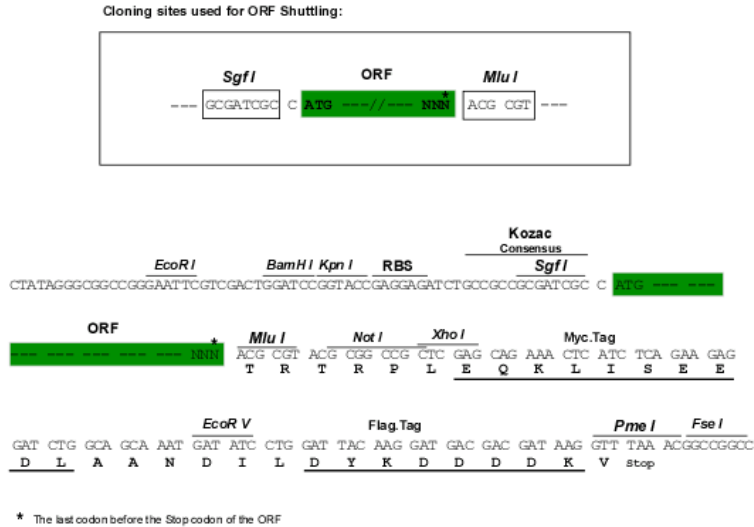
**Protein Sequence:** >RR214567 representing NM\_001013077  
 Red=Cloning site Green=Tags(s)

MEGLVLYKWTNYLTGWQPRWFLDNGILSYDYSQDDVCKGSKGSIKMAVCEIKVHSADNTRMELIIPGEQH  
 FYMKAVNAERQRWLVALGSSKACLTDTRTAKEKEISETSESLKTKMSELRLYCDLLMQQVHTIQEFVHH  
 DEDHSSPSVENMNEASSLLSATCNTFFITLLEECVKIANAKFKPEMFQLPHPDPLVSPVSPVQMMKRSA  
 SHPGPCSSERSSCSIKEPASALHRLPQRRRTYSDDTSCNDVPPEDPERPLHCSGNTLNGDLASAAIREE  
 SRLTAKTHSESEELPPFS

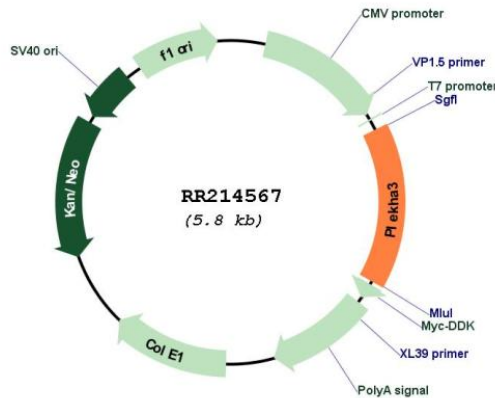
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001013077

<b>ORF Size:</b>	897 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_001013077.1</a> , <a href="#">NP_001013095.1</a>
<b>RefSeq Size:</b>	1720 bp
<b>RefSeq ORF:</b>	900 bp
<b>Locus ID:</b>	295674
<b>Cytogenetics:</b>	3q24
<b>MW:</b>	33.6 kDa