

## Product datasheet for **RR213570**

### Abraxas2 (NM\_001106307) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Abraxas2 (NM_001106307) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Abraxas2
Synonyms:	Fam175b; RGD1308918
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR213570 representing NM_001106307 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGGGAGGTGGAGATTTCCATCATGGCGGCTTCCATTTGGGGCTACACCTTCAGCGCTGTGTGTTTCC  
ACAGCGCCAACAGCAACGCCGACCACGAAGGATTTTTGCTGGGAGAGGTAAGACAAGAGGAAACGTTTAC  
CATCAGTGACTCACAAATCAGCAACACAGAGTTTCTACAAGTAATTGAAATCCATAACCATCAACCTGT  
TCAAACTCTTTAGTTTTATGATTATGCAAGCAAAGTGAATGAAGAGAGTTGGACAGAATTTTAAAG  
ATCGGAGGAAGAAAGTCATCGGATGGTACAGATTCGGGAGAAACACCCAGCAGCAGATGTCTACAGAGA  
GCAAGTCATCCACAAGCAGCTCACCCGCGTCTCGGCGTGCCAGACCTGGTTTTCTCTTTCAGCTTC  
ATCTCTACCGCCAACACTCTACTCATGCGTTAGAATA GTTCTCTTTCGACCAATCGCAGGTATAATC  
AAAGGATACACTTGCTATTTCCAATCTAGGCAACTAGCCAGCAAGAGTACAAAGTGTCTTCAGTGCC  
AAACACATCTCAGAGTTATGCCAAAGTTATTAAGAGCATGGTACTGACTTTTTTGACAAGGATGGAGTC  
ATGAAGGACATCAGGGCAATTTATCAGGTTTATAATGCACTTCAGGAGAAAGTACAGGCAGTGTGTGCAG  
ATGTAGAAAAGAGTGAGCGAGTTGTTGAATCTTGTCAGGCAGAAGTGAACAAATTGAGAAGACAAATCAC  
TCAGAAGAAAAATGAAAAGGAACAAGAAAGAACTGCAGCAGGCCCTGTTAAGCAGACAGATGCCATCT  
GAAAGCCTGGAGCCAGCATTAGCCCTCGGATGCCATATTCTGGGTTTTAGCCGAAGGGAGAAAGTACTC  
TAGCAGATGCCGAGCCCTCTGATCCTCCACCTCTTACTCCGATTTCCACCCAAACAATCAAGAAAGTAC  
TCTGAGCCATTCTCGCATAGAAAGGAGTGTCTTCATGCCCGGCTCAGGCTGTGGGCTCTTCCAATAT  
GCTTCCACCAGTGCCGGACTGAAGTTCAGTGAAGTGGAGCAGATCTTCTTCTCCAGAGTGCAGCTG  
GAGACAGCGGGGAGGAGACAGATGACAGTGATTATGAAAATTTGATTGACCTGCAGAGTCCCCTCATAG  
TGAATACTCACATTCAAAGAATTCACGGCCACGACACATCTGACGAGGACCCAGGAACACTCAGACC  
TCCAGATT

**ACGCGT**ACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR213570 representing NM\_001106307  
 Red=Cloning site Green=Tags(s)

MGEVEISIMAASISGYTFSAVCFHSANSNADHEGFLGGEVQRQEETFSSISDSQISNTEFLQVIEIHNHQP  
 SKLFSFYDYASKVNEESLDRILKDRRKKVIGWYFRFRNTQQQMSYREQVIHKQLTRVLGVPDLVLLFSF  
 ISTANNSTHALEYVLFNPNRRYNQRI SLAIPNLGNTSQQEYKVSVPNTSQSYAKVIKEHGTDFFDKDGV  
 MKDIRAIYQVYNALQEKVQAVCADVEKSERVVECSQAENVNKLRRQITQKKNEKEQERRLQQALLSRQMP  
 ESLEPAFSPRMPYSGFSAEGRSTLADAEPDPPPPYSDFFHPNNQESTLSHSRIERSVFMPPRPQAVGSSNY  
 ASTSAGLKFTGSGADLLPSQSAAGDSGEETDDSDYENLIDPAESPHSEYSHSKNSRPTTHPDEDPRNTQT  
 SQI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

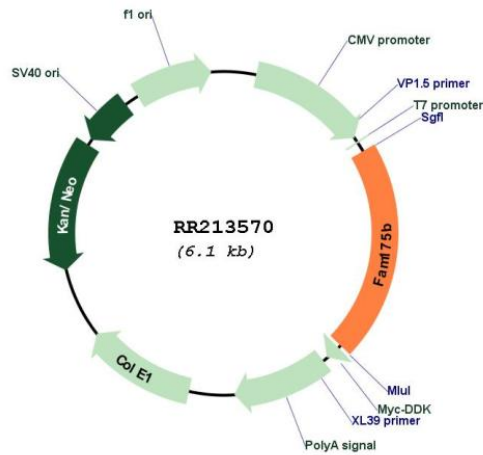
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001106307

<b>ORF Size:</b>	1269 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_001106307.1</a> , <a href="#">NP_001099777.2</a>
<b>RefSeq Size:</b>	2940 bp
<b>RefSeq ORF:</b>	1272 bp
<b>Locus ID:</b>	293570
<b>Cytogenetics:</b>	1q41
<b>MW:</b>	47.8 kDa