

## Product datasheet for **RC231373**

### **STRA6 (NM\_001199041) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	STRA6 (NM_001199041) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	STRA6
Synonyms:	MCOPCB8; MCOPS9; PP14296
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide  
Sequence:

>RC231373 representing NM\_001199041  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

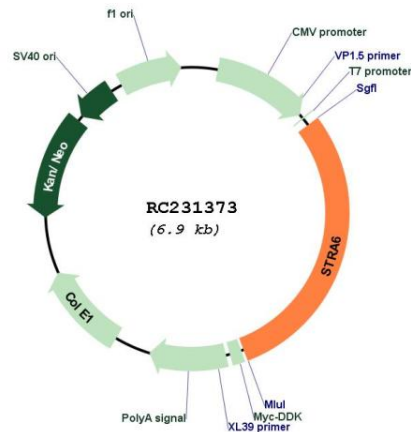
ATGGACTCTCAAGGGGACTGGGCTGCACAGGAGAAGGGCCAGAGAATGTCGTCCCAGCCAGCAGGGAACC  
AGACCTCCCCGGGGCCACAGAGGACTACTCCTATGGCAGCTGGTACATCGATGAGCCCCAGGGGGCGA  
GGAGCTCCAGCCAGAGGGGAAGTGCCCTCCTGCCACACCAGCATAACCACCCGGCCTGTACCACGCCTGC  
CTGGCCTCGTGTCAATCCTTGTGCTGCTGCTCCTGGCCATGCTGGTGAAGCGCCGCCAGCTCTGGCCTG  
ACTGTGTGCGTGGCAGGCCCGCCCTGCCAGCCCTGTGGATTTCTTGGCTGGGGACAGGCCCCGGGCAGT  
GCCTGCTGCTGTTTTATGGTCTCCTGAGCTCCCTGTGTTTGTGCTCCCCGACGAGGACGCATTGCC  
TTCCTGACTCTCGCCTCAGCACCCAGCCAAGATGGGAAAAGTGAAGCTCCAAGAGGGGCCTGGAAGATAC  
TGGGACTGTTCTATTATGCTGCCCTCTACTACCCTCTGGCTGCCTGTGCCACGGCTGGCCACACAGCTGC  
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CAGGTGCCAAGATCTACAAGTACTACTCCCTGCTGGCCTCCCTGCCTCTCTGCTGGGCCCTCGGATTCC  
TGAGCCTTTGGTACCCTGTGCAGCTGGTGAAGCTTCAGCCGTAGGACAGGAGCAGGCTCCAAGGGGCT  
GCAGAGCAGTACTCTGAGGAATATCTGAGGAACCTCCTTTCAGGAAGAAGCTGGGAAGCAGTACCAC  
ACCTCAAAGCATGGCTTCTGTCTGGGCCCGCTCTGCTTGAGACACTGCATCTACACTCCACAGCCAG  
GATTCATCTCCCGCTGAAGCTGGTGTCTTTCAGCTACACTGACAGGGACGGCCATTTACCAGGTGGCCCT  
GCTGCTGCTGGTGGCGTGGTACCCACTATCCAGAAGTGAGGGCAGGGGTACCACGGATGTCTCCTAC  
CTGCTGGCCGGCTTTGGAATCGTCTCTCCGAGGACAAGCAGGAGGTGGTGGAGCTGGTGAAGCACCATC  
TGTGGCTCTGGAAGTGTCTACATCTCAGCCTTGGTCTTGTCTGCTTACTCACCTTCTGGTCTCTGAT  
GCGCTCACTGGTGACACACAGGACCAACCTTCGAGCTCTGCACCGAGGAGCTGCCCTGGACTTGAGTCCC  
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CCTTTATCTGCCTTGGGCTCCTGGTGCAGCAGATCATCTTCTTCTGGAACCACGGCCCTGGCCTTCT  
GGTGCATGCCTGTGCTCCATGGCAGGAACCTCCTGCTTTCGTTCCCTGGAGTCTCGTGGCCCTTC  
TGGCTGACTTTGGCCCTGGCTGTGATCCTGCAGAACATGGCAGCCATTGGGTCTTCTGGAGACTCATG  
ATGGACACCCACAGCTGACCAACCGCGAGTGTCTATGCAGCCACCTTCTTCTTCTTCCCCTCAATGT  
GCTGGTGGGTGCCATGGTGGCCACCTGGCGAGTGTCTCTGCCCTCTACAACGCCATCCACCTTGGC  
CAGATGGACCTCAGCCTGTGCCACCGAGAGCCGCACTCTGACCCCGGCTACTACACGTACCGAAACT  
TCTTGAAGATTGAAGTCAAGCAGTCCAGCCATGACAGCCTTCTGCTCCCTGCTCCTGCAAGCGCA  
GAGCCTCTACCCAGGACCATGGCAGCCCCCAGGACAGCCTCAGACCAGGGGAGGAAGACGAAGGGATG  
CAGCTGTACAGACAAAGGACTCCATGGCCAAGGGAGCTAGGCCCGGGCCAGCCGCGGCAGGGCTCGCT  
GGGGTCTGGCCTACAGCTGCTGCACAACCAACCCTGCAGGTCTTCCGCAAGACGGCCCTGTTGGGTGC  
CAATGGTGGCCAGCCC

**ACGCGT**ACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



- 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\\_001199041.1](#), [NP\\_001185970.1](#)
- RefSeq ORF:** 2049 bp
- Locus ID:** 64220
- UniProt ID:** [Q9BX79](#)
- Cytogenetics:** 15q24.1
- Protein Families:** Transmembrane
- MW:** 75.6 kDa
- Gene Summary:** The protein encoded by this gene is a membrane protein involved in the metabolism of retinol. The encoded protein acts as a receptor for retinol/retinol binding protein complexes. This protein removes the retinol from the complex and transports it across the cell membrane. Defects in this gene are a cause of syndromic microphthalmia type 9 (MCOPS9). Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]

### Product images:



Circular map for RC231373