

## Product datasheet for **RC227472**

### **STRA6 (NM\_001142618) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	STRA6 (NM_001142618) 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:

>RC227472 representing NM\_001142618  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTCGTCCCAGCCAGCAGGGAACCCAGACCTCCCCGGGGCCACAGAGGACTACTCCTATGGCAGCTGGT  
ACATCGATGAGCCCCAGGGGGCCGAGGAGCTCCAGCCAGAGGGGAAGTGCCCTCCTGCCACACCAGCAT  
ACCACCCGGCCTGTACCACGCCTGCCTGGCCTCGCTGTCAATCCTTGTGTGCTGCTCCTGGCCATGCTG  
GTGAGGGCCGCCAGCTCTGGCCTGACTGTGTGCGTGGCAGGCCCGCCTGCCAGCCCTGTGGATTCT  
TGGCTGGGGACAGGCCCGGGCAGTGCCTGCTGCTGTTTTCATGGTCTCCTGAGCTCCCTGTGTTTGT  
GCTCCCCGACGAGGACGCATTGCCCTTCTGACTCTCGCCTCAGCACCCAGCCAAGATGGGAAAAGTGA  
GCTCCAAGAGGGGCTGGAAGATACTGGGACTGTTCTATTATGCTGCCCTCTACTACCCTCTGGTGCCT  
GTGCCACGGCTGGCCACACAGCTGCACACCTGCTCGGCAGCACGCTGTCTGGGCCACCTTGGGGTCCA  
GGTCTGGCAGAGGGCAGAGTGTCCCAGGTGCCAAGATCTACAAGTACTACTCCCTGCTGGCCTCCCTG  
CCTCTCCTGCTGGGCCTCGGATTCTGAGCCTTTGGTACCCTGTGCAGCTGGTGAGAAGCTTCAGCCGTA  
GGACAGGAGCAGGCTCCAAGGGGCTGCAGAGCAGCTACTCTGAGGAATATCTGAGAACTCCTTTGCGAG  
GAAGAAGCTGGGAAGCAGCTACCACACCTCCAAGCATGGCTTCTGTCTGGGCCCGCGTCTGCTTGAGA  
CACTGCATCTACACTCCACAGCCAGGATTCCATCTCCCGTGAAGCTGGTGTCTTTCAGCTACACTGACAG  
GGACGGCCATTTACCAGTGGCCCTGCTGCTGCTGGTGGGCGTGGTACCCACTATCCAGAAGGTGAGGGC  
AGGGGTACCACGGATGTCTCTACCTGCTGGCCAGCTTTGGAATCGTGTCTCCGAGGACAAGCAGGAG  
GTGGTGGAGCTGGTGAAGCACCATCTGTGGCTCTGGAAGTGTGCTACATCTCAGCCTTGGTCTTGTCT  
GCTTACTCACCTTCTGGTCTGATGCGCTCACTGGTGACACACAGGACCAACCTTCGAGCTCTGCACCG  
AGGAGCTGCCCTGGACTTGAGTCCCTTGCATCGGAGTCCCATCCCTCCCGCCAAGCCATATTCTGTTGG  
ATGAGCTTCAGTGCCTACCAGACAGCCTTTATCTGCCTTGGGCTCCTGGTGCAGCAGATCATCTTCTTCC  
TGGGAACCACGGCCCTGGCCTTCTGGTGTCTATGCCTGTGCTCCATGGCAGGAACCTCCTGCTCTTCCG  
TCCCTGGAGTCTCTGGCCCTTCTGGCTGACTTTGGCCCTGGCTGTGATCCTGCAGAACATGGCAGCC  
CATTGGGTCTTCTGGAGACTCATGATGGACACCCACAGCTGACCAACCGGCGAGTGTCTATGCAGCCA  
CCTTCTTCTCTTCCCCCTCAATGTGCTGGTGGGTGCCATGGTGGCCACCTGGCGAGTGTCTCTCTG  
CCTCTACAACGCCATCCACCTTGGCCAGATGGACCTCAGCCTGCTGCCACCGAGAGCCGCCACTCTCGAC  
CCCGGCTACTACAGTACCGAACTTCTTGAAGATTGAAGTCAAGCAGTGCATCCAGCCATGACAGCCT  
TCTGCTCCCTGCTCCTGCAAGCGCAGAGCTCCTACCCAGGACCATGGCAGCCCCCAGGACAGCCTCAG  
ACCAGGGGAGGAAGCAAGGGATGCAGCTGCTACAGACAAGGACTCCATGGCCAAGGGAGCTAGGCC  
GGGGCCAGCCGCGGCAGGGCTCGCTGGGGTCTGGCCTACACGCTGCTGCAACAACCAACCTGCAGGTCT  
TCCGAAGACGGCCCTGTTGGGTGCAATGGTGGCCAGCCC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**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\\_001142618.1](#), [NP\\_001136090.1](#)

**RefSeq ORF:** 2004 bp

**Locus ID:** 64220

**UniProt ID:** [Q9BX79](#)

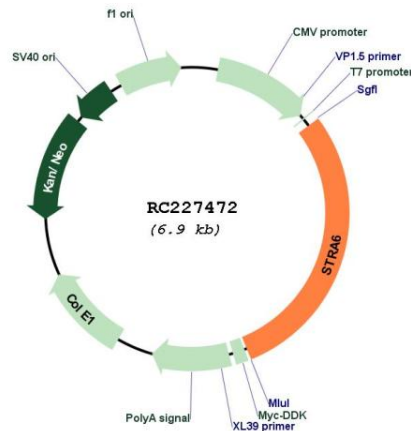
**Cytogenetics:** 15q24.1

**Protein Families:** Transmembrane

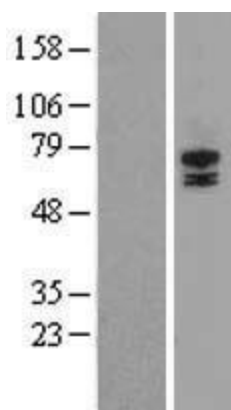
**MW:** 73.3 kDa

**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 RC227472



Western blot validation of overexpression lysate (Cat# [LY428212]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC227472 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).