OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC325534

STRA6 (NM_001142620) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STRA6 (NM_001142620) Human Untagged Clone
Tag:	Tag Free
Symbol:	STRA6
Synonyms:	MCOPCB8; MCOPS9; PP14296
Vector:	pCMV6 series
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001142620, the custom clone sequence may differ by one or more nucleotides ATGTCGTCCCAGCCAGCAGGGAACCAGACCTCCCCCGGGGCCACAGAGGACTACTCCTAT GGCAGCTGGTACATCGATGAGCCCCAGGGGGGCGAGGAGCTCCAGCCAGAGGGGGAAGTG CCCTCCTGCCACACCAGCATACCACCCGGCCTGTACCACGCCTGCCTGGCCTCGCTGTCA ATCCTTGTGCTGCTGCTCCTGGCCATGCTGGTGAGGCGCCGCCAGCTCTGGCCTGACTGT GTGCGTGGCAGGCCCGGCCTGCCCAGCCCTGTGGATTTCTTGGCTGGGGACAGGCCCCGG GCAGTGCCTGCTGCTGTTTTCATGGTCCTCCTGAGCTCCCTGTGTTTGCTGCTCCCCGAC GAGGACGCATTGCCCTTCCTGACTCTCGCCTCAGCACCCAGCCAAGATGGGAAAACTGAG GCTCCAAGAGGTAACTTGCCCAAGATCACAGAGTTGAGACTAGTCAGAGCCTGGATT
Restriction Sites:	Please inquire
ACCN:	NM_001142620
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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).

View online »

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_001142620.1, NP_001136092.1
RefSeq Size:	1956 bp
RefSeq ORF:	480 bp
Locus ID:	64220
UniProt ID:	Q9BX79
Cytogenetics:	15q24.1
Protein Families:	Transmembrane
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] Transcript Variant: This variant (5) differs in the 3' UTR and coding sequence compared to variant 8. The resulting isoform (c) has a shorter and distinct C-terminus compared to isoform f.