

Product datasheet for SC204667

OA1 (GPR143) (NM_000273) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	OA1 (GPR143) (NM_000273) Human 3' UTR Clone
Symbol:	OA1
Synonyms:	NYS6; OA1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000273
Insert Size:	344 bp
Insert Sequence:	<p>>SC204667 3' UTR clone of NM_000273</p> <p>The sequence shown below is from the reference sequence of NM_000273. The complete sequence of this clone may contain minor differences, such as SNPs. Red=Cloning site Blue=Stop Codon</p>

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

GTGACCCTGCTCTCCCAACCCATGGAGACCTATGAGGGGATGTGCTGGGGGTCCAGACCCCATATTCTCT
 CAGACTCAACAATTCTTGTCTTTAGAACTGTGTTCTCACCTTCCCAACACTGCACTGCCGAAGTGATAGC
 GGCCCCAAACCTTGCTCTCATCACCAGCTAGAGCTTCTTCCGAAGGGCCTTTAGGATAGGAGAAAGGG
 TTCATGCACACACGTGTGAGAATGGAAGAGCCCCCTCCAGACCACTCTACAGCTGCTCTAGCCTTAGTTG
 CCACTAGGAAGTTTCTGAGGCTGGCTGTAAAGTAAGTGAAGGTCCACATCCTTGGGGAAGTA

ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.


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RefSeq: [NM_000273.2](#)

Summary: This gene encodes a protein that binds to heterotrimeric G proteins and is targeted to melanosomes in pigment cells. This protein is thought to be involved in intracellular signal transduction mechanisms. Mutations in this gene cause ocular albinism type 1, also referred to as Nettlehip-Falls type ocular albinism, a severe visual disorder. A related pseudogene has been identified on chromosome Y. [provided by RefSeq, Dec 2009]

Locus ID: 4935