

Product datasheet for RC218532

PSORS1C1 (NM 014068) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: PSORS1C1 (NM_014068) Human Tagged ORF Clone

Tag: Myc-DDK
Symbol: PSORS1C1

Synonyms: C6orf16; SEEK1

Mammalian Cell

Selection:

Neomycin

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

ORF Nucleotide >RC218532 representing NM_014068

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

CCCTCCCATTCTCCTTTTGGTCTCAGCTCCTTGATC

 ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC218532 representing NM_014068

Red=Cloning site Green=Tags(s)

MTCTDQKSHSQRALGTQTPALQGPQLLNTDPSSEETRPPHVNPDRLCHMEPANHFWHAGDLQAMISKEFH LAATQDDCRKGRTQEDILVPSSHPELFASVLPMAPEEAARLQQPQPLPPPSGIHLSASRTLAPTLLYSSP

PSHSPFGLSSLI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8021 f10.zip



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

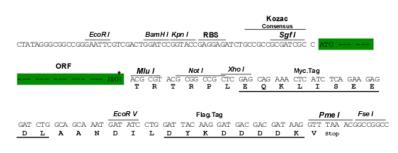
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com ORIGENE

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM 014068

ORF Size: 456 bp

OTI Disclaimer: 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. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 014068.3</u>

RefSeq Size: 861 bp
RefSeq ORF: 459 bp
Locus ID: 170679

PSORS1C1 (NM_014068) Human Tagged ORF Clone - RC218532

 UniProt ID:
 Q9UIG5

 Cytogenetics:
 6p21.33

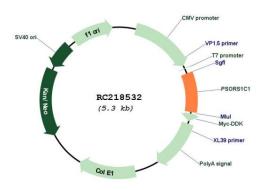
 MW:
 16.4 kDa

Gene Summary: This gene is one of several genes thought to confer susceptibility to psoriasis and systemic

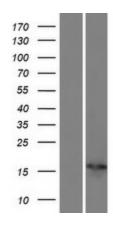
sclerosis, located on chromosome 6 near the major histocompatibility complex (MHC) class I

region. [provided by RefSeq, Sep 2011]

Product images:

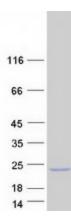


Circular map for RC218532



Western blot validation of overexpression lysate (Cat# [LY415493]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC218532 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).





Coomassie blue staining of purified PSORS1C1 protein (Cat# [TP318532]). The protein was produced from HEK293T cells transfected with PSORS1C1 cDNA clone (Cat# RC218532) using MegaTran 2.0 (Cat# [TT210002]).