

Product datasheet for **SC332166**

TAOK2 (NM_001252043) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TAOK2 (NM_001252043) Human Untagged Clone
Tag: Tag Free
Symbol: TAOK2
Synonyms: MAP3K17; PSK; PSK1; PSK1-BETA; TAO1; TAO2
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332166 representing NM_001252043.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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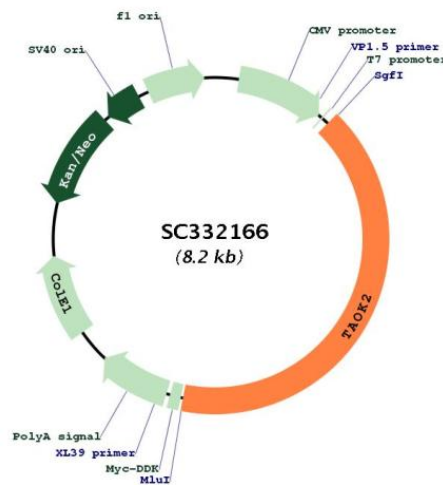
[View online »](#)

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Restriction Sites:

SgfI-MluI

Plasmid Map:

ACCN:

NM_001252043

Insert Size:

3369 bp

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).

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_001252043.1](#)

RefSeq Size: 4621 bp

RefSeq ORF: 3369 bp

Locus ID: 9344

UniProt ID: [Q9UL54](#)

Cytogenetics: 16p11.2

Protein Families: Druggable Genome, Protein Kinase, Transmembrane

Protein Pathways: MAPK signaling pathway

MW: 126.2 kDa

Gene Summary: This gene encodes a serine/threonine protein kinase that is involved in many different processes, including, cell signaling, microtubule organization and stability, and apoptosis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2011]
Transcript Variant: This variant (3) is alternatively spliced at the 3' end compared to variant 1. However, it maintains the reading frame, and encodes a shorter isoform (3) missing a protein segment compared to isoform 1.