

## Product datasheet for **RG218808**

### OSCP1 (NM\_145047) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	OSCP1 (NM_145047) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	OSCP1
Synonyms:	C1orf102; NOR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG218808 representing NM_145047 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCGGTGCGGACGCTACCGCTGCTCTTCTTGAACCTGGGCGGGGAGATGCTTTACATCCTCGACCAAC  
GGCTGCGGGCCAGAACATCCCGGGAGACAAGGCCGCAAGATGAATGGACAGAGGTGGACAGAAAACG  
AGTTCTGAATGACATCATCTCCACCATGTTCAATAGAAAGTTTATGGAGGAATTATCAAGCCTCAAGAG  
CTCTACTCCAAGAAGGCCCTGAGGACTGTCTATGAGCGCCTGGCTCATGCCTCCATTATGAAACTGAACC  
AGGCCAGCATGGATAAGCTCTATGACCTGATGACCATGGCTTTCAAATATCAAGTATTGCTGTGTCCTCCG  
ACCCAAGGATGTGCTGCTGGTCACTTTCAATCACTTGGATACCATCAAGGATTATCCGAGACTCCCCA  
ACCATCCTGCAGCAAGTGACGAGACTTTGCGGCAGCTGACAGAAATATATGGTGGTCTCTCTGCAGGGG  
AGTTCCAGCTGATCCGGCAGACACTCCTCATCTTCTTCCAAGACCTGCACATCCGAGTATCCATGTTTCT  
AAAGGACAAGTTTCAAGTAATAACGGTCGCTTTGTGTTGCCGGTGTCCGGGCTGTTTCTTGGGAACT  
GAAGTTCAGGACTCATCAGAATGTTCAACAACAAGGTGAAGAAGTGAAGAGGATAGAATTCAAGCATG  
GTGAAACTATGTCCCTGCACCCAAAGAAGTTCTTTTGAACCTTATGGAGACCGAGTCTGAAACTGGG  
AACTAACATGTACAGCGTGAATCAGCCTGTGAAAACCTCATGTGTCTGGATCATCAAGAAGTCTAGCCTCA  
TGGACCCAGGAAAGCATTGCTCCAAACCCTTTGCTAAAGAAGAGCTGAATTTCTTGGCAGGCTGATGG  
GAGGGATGGAGATTAAGAAACCCAGTGGCCCTGAGCCCGATTCCGGTTGAATCTTTTACCACCGATGA  
AGAAGAGGAACAAGCAGCGCTAACCCAGGCCAGAAGAGTTATCCTATGAAGTTATCAACATACAAGCCACC  
CAGGACCAGCAACGGAGCGAGGAGCTGGCTCGAATCATGGGGGAGTTTGAGATCACGGAGCAGCCAAGGC  
TGAGCACCAGCAAAGGGGACGATTTGCTCGCCATGATGGATGAGTTA

**ACCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG218808 representing NM\_145047  
 Red=Cloning site Green=Tags(s)

MSVRTLPLLFLNLGGEMLYILDQRLRAQNI PGDKARKDEWTEVDRKRVLNDIISTMFNRKFMEELFKPQE  
 LYSKKALRTVYERLAHASIMKLNQASMDKLYDLMTMAFKYQVLLCPRPKDVLLVTFNHLDTIKGFI RDSP  
 TILQQVDETLRQLTEIYGGLSAGEFQLIRQTL LIFFQDLHIRVSMFLKDKVQNNNGRFVLPVSGPVPWGT  
 EVPGLIRMFNNGE EVKRIEFKHGGNYVPAPKEGSFEL YGDRVLKLGTMYSVNQPVETHVSGSSKNLAS  
 WTQESIAPNPLAKEELNFLARLMGGMEIKKPSGPEPGFRLNLF TDEEEEQAALTRPEELSYEVINIQAT  
 QDQQRSEELARIMGFEITEQPRLSTSKGDDLLAMMDEL

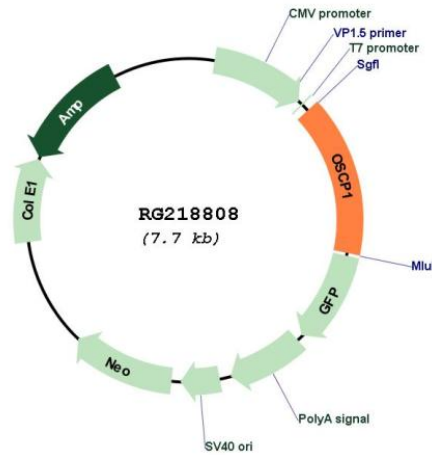
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_145047

<b>ORF Size:</b>	1167 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_145047.3</a> , <a href="#">NP_659484.3</a>
<b>RefSeq Size:</b>	1502 bp
<b>RefSeq ORF:</b>	1140 bp
<b>Locus ID:</b>	127700
<b>UniProt ID:</b>	<a href="#">Q8WVF1</a>
<b>Cytogenetics:</b>	1p34.3
<b>Gene Summary:</b>	May be involved in drug clearance in the placenta.[UniProtKB/Swiss-Prot Function]