

Product datasheet for **MG205653**

Oscp1 (NM_172701) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Oscp1 (NM_172701) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Oscp1
Synonyms: 1810007P19Rik; 5730415O04; 6030436A01Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG205653 representing NM_172701
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGTTCGGACTCTGCCGCTCTTTTTGAACTTGGGCGGGGAGATGCTTTACGTCCTAGACCAGC
GACTGAGGGCCCAGAACATCCCCGAGACAAGGCCGCAAAGTTCTGAACGACATCATTTCAACCATGTT
CAACAGGAAGTTCATGGACGAAGTTCAAACCCAGGAGCTGTACTCCAAGAAGGCCTTGGGACTGTG
TATGACCGCTGGCTCATGCCTCCATCATGCGACTGAACCAGGCCAGCATGGATAAGCTCTACGACCTGA
TGACCATGGCTTTCAAATATCAAGTGTGCTGTGTCCACGCCCAAGGACGTGTTGCTGGTCACTTTCAA
CCACTTAGACGCCATCAAGGGTTTTGTCCAAGACTCTCCACCGTCATACATCAGGTGGACGAGACCTTC
CGGCAGCTGTGAGAAGTGTATGGGAAGCTCTGAAGGGGAGTCCAGCTGATCCGGCAGACACTGCTCA
ACTTCTTCCAAGACCTGCATATCCGAGTGTCCACATTTCTAAAGGACAAAGTTCAGAACTCTAATGGTCG
CTTTGTGTTGCCAGTGTGGGGCCTGTTCCCTGGGGAAGTGAAGTTCTGGAGTCAATAGAGTGTTCAGT
GTCAAAGGCAAAGAGGTGAAGAAGATGAAATCCGGCATGGCGGAGACTATGTTGCTGCCAGAAGGAAG
GTTCTTTGAGCTTTATGGAGACCGAGTCTTGAAGTGGAACTAACATGTACAGTGCAGTGCCTCTGT
GGAAACCCACATGTCTGCAACATCCAAGAACGCAGCCTCCAGGGCACAGGAAAACATTGTTCAAACCT
CTTGCCAAAGAAGAGCTGAATTTCTGGCCAGGCTAATGGGAGGGATGGAGATCAAGAAGCCGAGTGGCC
CTGAACCAGGATTCGACTGAATCTGTTTACGACCGATGAGGAAGAGGAACACGCAGCACTGTCCAGGCC
GGAGGAGTTGTCCTATGAAGTATCAGCATAACAGGCTACACAGGACCAGCAACGGAATGAGGAGTTGGCC
CGGATCATGGGTGAGTTTGGATCACAGAGCAGCTGGAGCAGAACACCAGTAAGGGAGACGACTTGTGG
CCATGATGGACAGGTTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205653 representing NM_172701
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MSVRTLPLLFLNLGGEMLYVLDQRLRAQNI PGDKARKVLNDIISTMFNRKFMDELFKPQELYSKKALRTV
 YDRLAHASIMRLNQASMDKLYDLMTMAFKYQVLLCPRPKDVLVTFNHLDAIKGFVQDSPTVIHQVDETF
 RQLSEVYGKLGSEGEFQLIRQTLNFFQDLHIRVSTFLKDKVQNSGRFVLPVSGPVPWGTEVPGVIRVFS
 VKGKEVKMKMFRHGGDYVAAQKEGSFELYGDRVLKLGTMYSASRPVETHMSATSKNAASRAQENI VPNP
 LAKEELNFLARLMGGMEIKKPSGPEPGFRLNLF TTDEEEHAALSRPEELSYEVI SIQATQDQQRNEELA
 RIMGFEITEQLEQNTSKGDDLAMMDRL

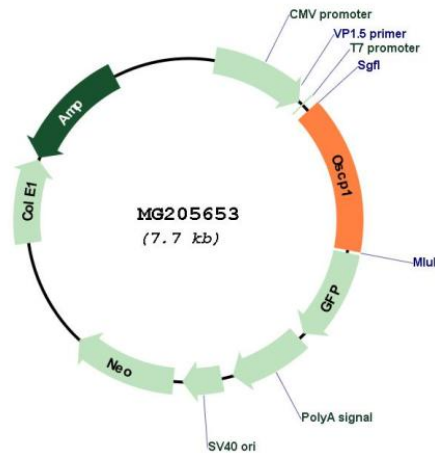
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_172701

ORF Size:	1137 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:	<ol style="list-style-type: none">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_172701.3
RefSeq Size:	2152 bp
RefSeq ORF:	1140 bp
Locus ID:	230751
UniProt ID:	Q8BHW2
Cytogenetics:	4 D2.2
Gene Summary:	May be involved in drug clearance in the placenta.[UniProtKB/Swiss-Prot Function]