

Product datasheet for **MG220316**

Scgb2b24 (NM_177446) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Scgb2b24 (NM_177446) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Scgb2b24
Synonyms: Abpb24; Abpz; C2b; Scgb2b3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG220316 representing NM_177446
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGGGACACTTCTTCTGCTGGCCTTGCTGATGATTGGAGAGCTGGGCTTCCATACAACAGAAGCAT
GTGTTCCTTTCTTGGCTGGATATGCTGGTGTATCTCAGGAAGCAGGCTGTGGTTGTATCATGAACCTAG
CGCATTCAATGGTACACCTAAGGAAACAGTGGCCTATGAAAAATCCAGGACTGTACAAAGAACAAGGA
GTTAAATCCAAACTGGAACCACAAATTTGGCCTCTATACTTGTACCCAGAAATGCCTGCAGTACT
ATTCCGAAGAAACCTTACGAAAATTAAGGATGCATTAATAAAAAATATCACAAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG220316 representing NM_177446
Red=Cloning site Green=Tags(s)
MKGTLALLLALLMIGELGFHTTEACVPPFFAGYAGVISGSRLWLYHEL SAFNGTPKETVAYEKIQDCYKEQG
VKSQTLEPQILASILVTPECLQYYSEETFKIKDALKKISQH

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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:	<u>NM_177446.2</u> , <u>NP_803229.1</u>
RefSeq Size:	503 bp
RefSeq ORF:	339 bp
Locus ID:	233090
UniProt ID:	<u>Q7M747</u>
Cytogenetics:	7 B1