

Product datasheet for MC212945

5530400C23Rik (NM_027784) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	5530400C23Rik (NM_027784) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	5530400C23Rik
Synonyms:	GRP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212945 representing NM_027784 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTTGTGGTCCTGCTCACAGCAGCCTTGCTAGTCCTGAGCTCAGCTCAGAGGGCAGAGGAAGATTTGA
 ACAATGATAGTACATCTGGTGTCCAACCAATACCCAGCCCTGCAGAGAAAACCCAGGACTCAGAGTTAGG
 TCCTTCTGCTGCTGTGCAAATATAGGGAATATCCAAGAATCATCACCATTAGTAAAGTGGATCCTTCG
 TCCAACCTGGGAATGAACAGCAAGTAGAACCGGAGGAATCACACAGGCAGAGAGTCAAGAGCATTGTG
 ACTCCACTGGAACAAGAGAAAAATCAACCTAGAAAAAGAAATGTAGTGGAGGTTAAAAATCTTCTTC
 ATCTCCTGAAACTCACAGGTTACCCCAACAAATACAGTCAAAGCAGAAACCTTTGATTGAGGGAGGA
 TCTGGTCAAGAGAGAGTACCTCCTCCTCATCTCTTAAATTGCTCCGACCACGAGTAGTTAATCATGATG
 TATCTTTTTGGAGAGGGCCCCGGAGAAAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_027784
Insert Size:	522 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).


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_027784.1</u> , <u>NP_082060.1</u>
RefSeq Size:	647 bp
RefSeq ORF:	522 bp
Locus ID:	232426
Cytogenetics:	6 G1