

Product datasheet for SC302454

REP15 (NM_001029874) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	REP15 (NM_001029874) Human Untagged Clone
Tag:	Tag Free
Symbol:	REP15
Synonyms:	RAB15EP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302454 representing NM_001029874. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGGGGCAGAAAGCATCGCAACAGTTGGCTCTGAAGGACAGCAAAGAGGTGCCCGTCGTCTGTGAGGTG
 GTCAGTGAAGCTATAGTCCATGCAGCTCAGAACTGAAGGAGTACCTTGGATTTGAATATCCTCCAAGT
 AAACCTGCCCCAGCTGCAAACTCTGAATGAGATCTTCTTAATCCATTTTCATCACTTTCTGCCAAGAA
 AAGGGAGTTGATGAGTGGCTGACCACCACCAAGATGACCAAGCACCAAGCCTTCCTGTTTGGTGACAGC
 TGGATTTGGACCTTTTGGGATCCAACAAGCAAATAAAGCTTCAGCTCGCAGTACAGACTCTGCAGATG
 TCTTCACCTCCTCTGTGAATCTAAGCCTTGTGACCTTTCCAATCCAGAATCAAGGGTAGAGGAGTCT
 TCCTGGAAGAAAAGTAGATTTGATAAGCTGGAAGAATTCTGTAACCTAATAGGAGAGGATTGCCTGGGT
 CTGTTTATCATCTTTGGTATGCCAGGAAAGCCTAAAGACATCAGGGGAGTTGTCTGGACAGTGTCAAA
 AGTCAGATGGTGAGGAGCCATCTGCCAGGAGGGAAGGCTGTGGCTCAGTTTGTCTGGAACTGAAGAT
 TGTGTGTTTCATCAAGAGCTGCTCAGAAATTGTCTGAGTAAGAAAGACGGGCTGAGAGAGGTGGGCAAG
 GTTTATATCAGCATTCTCTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001029874
Insert Size:	711 bp


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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001029874.1</u>
RefSeq Size:	1139 bp
RefSeq ORF:	711 bp
Locus ID:	387849
UniProt ID:	<u>Q6BDI9</u>
Cytogenetics:	12p11.22
MW:	26.6 kDa
Gene Summary:	The protein encoded by this intronless gene interacts with GTP-bound Rab15 and is involved in recycling of transferrin receptor from the endocytic recycling compartment to the cell surface. [provided by RefSeq, Sep 2016]