

Product datasheet for SC322343

C14orf80 (NM_173608) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C14orf80 (NM_173608) Human Untagged Clone
Tag: Tag Free
Symbol: C14orf80
Synonyms: chromosome 14 open reading frame 80; MGC16771
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322343
GCTGGCTGCATGGGGAGGCGGCGGCGAGCGGTGGACCCCGCGGCTGGGGCCCGGGCCGGG
GCCTGCCTGAGCCATCGCCGCTTGTAGTCGGTCGCTGCCCTGGGACCCAGCCCCGAG
ATCTTCCGCCGCGCAAGTTTCGACCGTCCGGAGGCGACCTCCGCGCTCTGGCAGCTCCTC
TTCGCTGTGCTCTCGCCACTCCCTGCGGGCAACGCCTTGCTACCCGAGGCTGGCACTGG
CACAACACTACGTAGGATGGCTCGCAGGGCAGTCGGGAGCTGCTGCTGGCTCTGTCCTGGC
TCTTGGCCCGAGGACCTGTGCCGAGCAGATGCTGGCCAGGCCGAGTGCCTCTGGGTG
ACGAGATGACTGTGTGCCAGATCCACCTGTACACACGCGGCTGCCACAGCGACCAGAGCC
TTAGCCATCTGTCTGCTACTGAAGCAGAGATGCTCAGGGACCCAGAGGGAGGCCAGCAGC
TGCTGCGGACTCTGGAGCGTGAGAACCAGCGCCTGGAGGCTGTCCTGGCGTGGCGGCGCT
CTGAGCTGGTCTTCTGGCGGTGGATGGACACGGTCTGGGCACCTGTGCCCGGAGGTGC
CTGCTGCAGCCTCACAGCCACCTTCTGCCCTGGGTCCCGAGCGCGGGGGTGGCGAGT
TGGACCTGGTAGTGCGGGAGCTGCAGGCACTGGAGGAGGAGCTGCGGGAGGCTGCGGAGC
GCAGGCGGGCGGCTGGGAGGCCAAGGCTGGAGGCTGTGGACGGGGGCCAGAGTGGAGTG
CCGCGCGGCGGGCCTCTCGGGAGGCTGTGGAAAAGGAGCTGGGAGCTCTACAGCAGTGT
GGGAGCGAGACGGTGGCCCGGCCAGCCCCATGGGCCACACCGGCTGGTGGAGCAGAGG
ATGGGGCAGCAGGGGACCGGGACCTGCGGGCAGCTGTGGTGTATCAGGACGCTGAGGAGCC
AGGAGGCTGCCTGGAGCGGTGCTACGTGACTACAGGGACAGTGTGGCAGGAAGTGG
CCAGGCTGGTGGGAGCCCGCCCTGGTCTCATCTGGATCCCGCCACCTGGACGCTGAGGGC
CTGTGACGGGGCCTCGTGTGGGAAGCCTGCCCTGGCCACGCTGGCTGGGTCTTGGAGG
AGCAGATTCCAAGGCCAGGTGGCCACAGGGACGATGCAGATGCAGAGCCACGTACATG
CTCGCTCCAGGGGTGGGCTGGGCTGACTCTGGCCGATCCCAGGCTGTGGCTAGCAGC
ACTGGGGACAGGAATGACTGGTCCCTTGGAGGAGTGTGACAGGCTCAGCCTGGTGGTCT
GGAGGGGACTCGGAAATAAATTGTAGCAGCTTCTGCAAAAAAAAAAAAAAAAAAAAAA
AA

Restriction Sites: Please inquire



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ACCN:	NM_173608
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:	<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_173608.1, NP_775879.1</u>
RefSeq Size:	1419 bp
RefSeq ORF:	747 bp
Locus ID:	283643
Cytogenetics:	14q32.33
Gene Summary:	<p>May play a role in counteracting perturbation of actin filaments, such as after treatment with the actin depolymerizing microbial metabolite Chivosazole F.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks an in-frame exon in the coding region, compared to variant 1, that results in a shorter protein (isoform 3) when compared to isoform 1.</p>