

Product datasheet for SC316076

POTEE (NM_001083538) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	POTEE (NM_001083538) Human Untagged Clone
Tag:	Tag Free
Symbol:	POTEE
Synonyms:	A26C1; A26C1A; CT104.2; POTE-2; POTE2; POTE2gamma
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316076 representing NM_001083538. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGGTGGTTGAGGTTGATTCCATGCCGGCTGCCTCTTCTGTGAAGAAGCCATTTGGTCTCAGGAGCAAG
 ATGGGCAAGTGGTGTCTGCCGTTGCTTCCCCTGCTACAGGGAGAGCGGCAAGAGCAACGTGGGCACTTCT
 GGAGACCACGACGACTCTGCTATGAAGACACTCAGGAGCAAGATGGGCAAGTGGTCCACCACTGCTTC
 CCCTGCTGCAGGGGGAGTGGCAAGAGCAACGTGGGCGCTTCTGGAGACCACGACGACTCTGCTATGAAG
 ACACTCAGGAACAAGATGGGAAGTGGTGTCTGCCACTGCTTCCCCTGCTGCAGGGGGAGCGGCAAGAGC
 AAGGTGGGCGCTTGGGAGACTACGATGACAGCGCCTTCATGGAGCCCAGGTACCACTGCTGGAGAA
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 GTTCTAGTCATCATCATGTAATTTGCCAGTTACTTTCTGACTACAAAGAAAAACAGATGCTAAAAATC
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AGGCTTAAAGGCAGTGAAAAATGGCCAGCCAGAGAAAAGATCTCAAGAACCAGAAATAAATAAGGATGGT
 GATAGAGAGCTAGAAAATTTTATGGCTATCGAAGAAATGAAGAAGCAGGAACTACTCATGTGCGATTCC
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 AGCAAGAGAGGCATCCTGACCTGAAGTACCCATGGAACACGGCATCATCACCAGTGGGATGACATG
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 ACCGAGGCCCCCTGAACCCCAAGGCCAACCGCGAGAAGATGACCCAGATCATGTTTGAGACCTTCAAC
 ACCCCAGCCATGTACGTGGCCATCCAGGCCGTGCCGTCCCTGTACACCTCTGGCCGTACTACTGGCATC
 GTGATGGAATCTGGTGACGGGGTCAACCACTGTGCCATCTATGAGGGGAATGCCTCCCCCATGCC
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 TATAGGTTCAACCATGGCCGAGCGGGAAATCGTGCGTGACATCAAAGAGAAGCTGTGCTATGTTGCC
 CTGGACTTCGAGCAGGAGATGGCCACGGCGGCCTCCAGCTCCTCCCTAGAGAAGAGCTACGAGTGCCC
 GATGGCCAGGTGATCACCATCGGCAACGAGCGGTTCCGCTGCCCCGAGGCGCTCTTCCAGCCTTGCTTC
 CTGGGCATGGAATCCTGTGGCATCCATGAACTACCTTCAACTCCATCATGAAGTCTGATGTGGACATC
 CGCAAAGACCTGTACACCAACACAGTGCTGTCTGGCGGCACCACCATGTACCCTGGCATGGCCCACAGA
 ATGCAGAAGGAGATCGCTGCCCTGGCGCCTAGCATGATGAAGATCAGGATCATTGCTCCTCCCAAGCGC
 AAGTACTCCGTGTGGGTGCGTGGCTCCATCCTGGCCTCGCTGTCCACCTCCAGCAGATGTGGATCAGC
 AAGCAGGAGTATGATGAGTCAGGCCCCTCCATTGTCCACCGCAATGCTTCTAG
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001083538
Insert Size:	3228 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).
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: [NM_001083538.1](#)

RefSeq Size: 3440 bp

RefSeq ORF: 3228 bp

Locus ID: 445582

UniProt ID: [Q6S8J3](#)

Cytogenetics: 2q21.1

MW: 121.4 kDa