

Product datasheet for **SC304876**

NOPE (IGDCC4) (NM_020962) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NOPE (IGDCC4) (NM_020962) Human Untagged Clone
Tag:	Tag Free
Symbol:	NOPE
Synonyms:	DDM36; NOPE
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304876 representing NM_020962. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GTGAACCGTCAGAAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTA
 CCGAGGAGATCTGCCGCCGCGATCGCCGGCGCGCC
 ATGGCGCGGGGGACGCCGCCGCGCGCGGGCTCCTCGCGTTGACCTTCTGCCTGTTGGCCGCGCGC
 GGGGAGCTGCTGTTGCCCCAGGAGACGACTGTGGAGCTGAGCTGTGGAGTGGGGCCACTGCAAGTGATC
 CTGGGCCCAGAGCAGGCTGCAGTGCTAACTGTAGCCTGGGGGCTGCTGCCGCTGGACCCCCACCAGG
 GTGACCTGGAGCAAGGATGGGGACACCTGCTGGAGCAGCACTTACACCTGCTGCCCAATGGTTCC
 CTGTGGCTGTCCAGCCACTAGCACCAATGGCAGTGACGAGTCACTCCCTGAGGCTGTGGGGTCAAT
 GAAGGCAACTATTCGTGCCTAGCCACGCCCCCTCGGAGTGCTGGCCAGCCAGACTGCTGTCGTAAG
 CTTGCCCACTCGCAGACTTCTCTCTGCACCCGAGTCTCAGACGGTGGAGGAGAACGGGACAGCTCGC
 TTTGAGTGCCACATTGAAGGGCTGCCAGTCCCATCATTACTTGGGAGAAGGACCAGGTGACATTGCCT
 GAGGAGCCTCGGCTCATCGTGCTTCCCAACGGCGTCCTTCAGATCCTGGATGTTCAAGGAGTGATGCA
 GGCCCCCTACCGCTGCGTGGCCACCAACTCAGCTCGCCAGCACTTCAGCCAGGAGGCCCTACTCAGTGTG
 GCCCAGAGGGTCCCTGGCGTCCACAGGGGGCAGGACGTGGTCATTGTGGCAGCCCCAGAGAACC
 ACAGTGGTGTCTGGCCAGAGTGTGGTGATGGAATGTGTGGCTCAGCTGACCCCAACCCCTTTGTGTCC
 TGGGTCCGACAAGACGGGAAGCCATCTCCACAGATGTATCGTCTGGCCGCAACCAACCTACTAATT
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 CTGCACAACGGGGCGCCGCTGCGGCCAACGGCGCGTCAAGGTCCAGGGCGGCGGTGGCAGCCTGGTC
 ATCACACAGATCGGCCTGCAGGACGCCGCTACTACAGTGCGTGGCTGAGAACAGCGCGGGAATGGCG
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 GGCTTCTCTCTCACTACCAGAAGGCACGGGCATGGACAATGTGAATACAGTTTGAGTGAACAAC
 GACACCACAGAACTACAGTTTCGGGACCTGGAACCAACAGATTATGAGTTTACGTGGTGGCCTAC


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TCCCAGCTGGGAGCCAGCCGACCTCCACCCAGCACTGGTGCACAACTGGATGATGTCCCCAGTGCA
 GCACCCAGCTCTCCCTGTCCAGCCCCAACCTTCGGACATCAGGGTGGCGTGGCTGCCCCGCCCCCC
 AGCCTGAGCAATGGGCAGGTGGTGAAGTACAAGATAGAATACGGTTTGGGAAAGGAAGATCAGATTTTC
 TCTACTGAGGTGCGAGGAAATGAGACACAGCTTATGCTGAACTCGCTTCAGCCAAACAAGGTGTATCGA
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 TAACTGTGCGCTTCAGCCCTGGGGGCTCAGGAATGCCTCCCTGGTACCTATTACACCAGTTCTGGA
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 GACATGGATGGGCTTTTCGGCTCTGTGGTGGAGCGCTCCACCCTGCCTGACCGGCCCTCCACACCCCA
 TCCGACCTGCGACTGAGCCCCCTGACACCGTCCACGGTTCGGCTGCACTGGTGCCCCCCCACAGAGCCC
 AACGGGGAGATCGTGGAGTATCTGATCCTGTACAGCAGCAACCACACGCAGCCTGAGCACCAGTGGACC
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 TTCAAGATGGGGGCGCGCACAGAGTGGGACCTGGGCTTTCTCCCGCTGCAGGATGTGATCACGCTC
 CAGGAGAAGCTGTGAGCTCGTGGACATGCACTCAGTCACGGGCATCATCGTGGGTGTCTGCCTGGGC
 CTCCTCTGCCTCCTGGCTGCATGTGTGCTGGCTGCGCCGACCCCCACAGGGAATCCCTCCAGGC
 CTGTCTCCACCGCCACCCCGGGAATCCCGCGCTGTACTCCAGAGCTCGGCTTGGCCCCCAGCCCC
 CCAGTGGCCATGAATTGGAGTCCCTTGTGACCCCCATCCCCAGGACTGGTCCCCGCCACCCCTCAGAC
 CCGAGGACAGGGCTGAAGTGCACAGCCTTATGGGTGGCGGTGTTTCTGAAGGCCGAGTCACTCCAAA
 AGAAAGATCTCCTGGGCTCAACCAAGCGGGCTGAGCTGGGCTGGTTCCTGGGCAGGCTGTGAGTCCCC
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 CAGGTGGAGGCTGAAGTATTGTCACTCTGACTTTAGTGCATCTAACGGGAACCCTGACCTCCATCTC
 CAAGACCTGGAGCCTGAGGACCCCTGCCTCCAGAGGCTCCTGATCTCATCTCGGCTGTTGGGGATCCA
 GGGCAGGGGGCAGCCTGGCTGGACAGGGAGTTGGGAGGGTGTGAGCTGGCAGCCCCGGGCCAGACAGA
 CTTACCTGCTTGCAGAGGCAGCAGTGTCTTCTGCTCCTACCCGACCTCCAGCCAGGCGAGGTGCTA
 GAGGAGACCCCTGGAGATAGCTGCCAGCTCAAATCCCCCTGCCCTCTAGGAGCCAGCCAGGCTGCC
 AGATCCCCGGTCTCCTCCTCTGCCTAG
 ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

Ascl-MluI

ACCN:

NM_020962

Insert Size:

3753 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_020962.2](#)

RefSeq Size: 6485 bp

RefSeq ORF: 3753 bp

Locus ID: 57722

UniProt ID: [Q8TDY8](#)

Cytogenetics: 15q22.31

Protein Families: Transmembrane

MW: 134.2 kDa