

Product datasheet for SC125020

C3orf33 (NM_173657) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: C3orf33

Synonyms: AC3-33

Mammalian Cell None

Selection:

Vector: pCMV6-XL6

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC125020 sequence for NM_173657 edited (data generated by NextGen Sequencing)

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ATGGCCATAGCTGGAATAATGTTACTTTTGAGAAGCATTGACTGACATCAAAATTTACA
AGCTCTTCGGATATTCCAGTAGAATTTATAAGAAGAAATGTTAACTACGTGGACGATTA
CGCCGAATAACTGAGAATGGTTTAGAAATTGAACATATACCTATTACTTTACCTATTATA
GCTTCATTGAGAAAAGAGCCACGTGGTGCTTTGCTGGTTAAGTTGGCTGGAGTAGAACTC
GCTGAAACTGGGAAGGCATGGTTACAAAAAGAGCTAAACCTTCCCAATTACTATGGTTC
CAACTTCTTGGAAGGAGAATTCAGCACTCTTTGCTATCTTCTGGTGAATAAGGGTGGA
TATTTACGCGTGAATCTGAATGAAGAAATTTGAGAAGAGGCCTTGGCAAACTGTTCTT
GTAAAGGGCTTAATATGATTCTAAATCTACTGGACAGTTCACAGAACTTACTTAA
GCTGAATTAACAGCCTTAAAAAAGGAGAAGGAATATGGAAGGAAGACTCTGAAAAAGAA
AGTTACTTAGAAAAATTCAAAGATTCCTGGAGAGAAATATGAAAAAGGACAGTTTTTTA
AAAACAACAGGATCAGATTTTCAGCTTGAAAAAAGAAAGTTATTATGAAAACTTAAAGG
ACTTATGAAATATGGAAGACAACATGAACAACGCTCCTTAATACTGAAGTTCAGAGAA
CTTATAAGTCGCATAAACTTTCTAGAAAAAGGTGA
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Clone variation with respect to NM_173657.1
350 g=>a



5' Read Nucleotide Sequence:	>OriGene 5' read for NM_173657 unedited <pre> AAATAACCCCGCCCCGTTGACAGCAAATGGGCGGTAGGCGGTACGGTGGGAGGTCTAT ATAAGCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTGCAGCG GCCGCGAATTCGGCAGCAGAGGGGGCAGCCCGCGGCCACCGGCTCGCCGTCTGCCGACAAGG ACGGAATGGAGCCCAACGTCGTGGCTCGGATCTCGCAGTGGGCAGACGACACCTGCGCC TAGTCCGGAACATCAGCACTGGAATGGCCATAGCTGGAATAATGTTACTTTTGAGAAGCA TTCGACTGACATCAAAATTTACAAGCTCTTCGGATATTCCAGTAGAATTTATAAGAAGAA ATGTTAAACTACGTGGACGATTACGCCGAATAACTGAGAATGGTTAGAAATTGAACATA TACCTATTACTTTACCTATTATAGCTTCATTGAGAAAAGAGCCACGTGGTGCTTTGCTGG TTAAGTTGGCTGGAGTAGAACTCGCTGAACTGNGAAGGCATGGTTACAAAAAGAGCTAA AACCTTCCCAATTACTATGGTTCCAACCTTTCTTGGACAGGAGCAGTCAGCCACTCTTTTG CTATCCTCTGGTGCACTAGGGTTGAATATTTACGCGTGGATTCTGCATGACGAAATTTTG AGACGAGCCCTTTGCCAAACCTGTCTTTGTTAAGGGCCTTACTATTTGATTTTAAAAATTT ACTGGGACGGTTTCCAGGACCTTTACTTAAAGTTTGAATTAACAGCCTTTAAAAAGGGG AAAGGGAATATTGGAAGGGAAAAACCTTTTACAAAAAGGTTTTTTTTAAAAATTTTCA AGAATTTTTTGGGAGAGAATATTGAAAAAGGGACCCTTTTTTTTTTAAAAACCCCGGG ATCCAATATTTTCTTTTAAAAACAAAAGAGTTTTTTTAGA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_173657
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).
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:	NM_173657.1 , NP_775928.1
RefSeq Size:	1931 bp
RefSeq ORF:	756 bp
Locus ID:	285315
UniProt ID:	Q6PIS2

Cytogenetics: 3q25.31

Gene Summary: Isoform 2: Secreted protein may play a role in transcription regulation via the MAPK3/MAPK1 pathway through an unidentified receptor on the plasma membrane.[UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (2) contains an alternate 5' exon compared to variant 1. This variant represents translation initiation at a downstream AUG compared to variant 1; the 5'-most initiation codon, as used in variant 1, is associated with a truncated ORF that would render the transcript a candidate for nonsense-mediated decay (NMD). Leaky scanning may allow translation initiation at the downstream AUG to encode an isoform (2) that has a shorter N-terminus, compared to isoform 1.