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# Product datasheet for SC335521

## CCDC125 (NM_001297696) Human Untagged Clone

### Product data:

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| **Product Type:** | Expression Plasmids |
| **Product Name:** | CCDC125 (NM_001297696) Human Untagged Clone |
| **Tag:** | Tag Free |
| **Symbol:** | CCDC125 |
| **Synonyms:** | KENAE |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pCMV6-Entry (PS100001) |
| **E. coli Selection:** | Kanamycin (25 ug/mL) |
| **Fully Sequenced ORF:** | >SC335521 representing NM_001297696.<br>Blue=Insert sequence Red=Cloning site Green=Tag(s)<br><br>GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG<br>GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC<br>ATGAGCAAGGTGGCAAGATCATCAAGTGAGTCAGACGTGCAGCTCTGGGAAACAGAAGAGGATGACATG<br>ACAGAAGGTGATTTAGGGTATGGCCTCGGAAGGAAACCTGGTGGGATTTATGAAATAGAATTTTCACAT<br>AGGTCTAGAAAAAGATCAGATGGAAAGAACTTTAGCCCTCCTCCATTTCCGAGAAAGGGAGAAGAAAGA<br>AATGAAGCGAGTTTTCAGTATTCCAAGCATAAGAGCCAGCAAGATACATTCCCTCAAGTGTCCAGAATT<br>TCCAATTACAGACGACAAAGTAGCACTGATTCGAATTCAGAATTGTCAAATGAAGAATTAAGGCAATGT<br>CTTAATGAAACTTTAGAGGAGGTAGAAATGTTAAAAACTGAACTTGAGGCATCTCAAAGACAACTCAGA<br>GGTAAAGAGGAAGCATTGAAAATTCTTCAAAGCATGGCAATACTGGGCAAAGCCACAAGTCATACGCAG<br>GCAGTGCTTCAAAAAACTATGGAACAAAACAGATCCTTGGAGAAGGAAATAAATGCCTTGCAGTGGGAA<br>ATAGAATTTGATCATAATAGATTTAAAAATATAGAGGAATCTTGGATCCAAAAATATGACAGGCTAAAC<br>TGTGAAAATGCAGTCCTCAAAGAGAATTTGAAAGTGAAAACAGAAGAAATTAAAATGCTGAAGTCTGAC<br>AATGCAGTTTTGAATCAACGGTATTTGGAGGCCCTCGCCATGCTTGATATCAAACAGCAGAAGATGGCT<br>CAGGAAAACATGTGCTGTGATAAAAGTGGCTTTGCAGAGGCTTCAGGTCTTGAGCTTGCGGTCCTCGGA<br>GCCTGCCTTTGTCATGGGCCCGGAGGGAACCCCTGTTCTTGTGCCAGAATGGCAGCATCCACTCGGAAA<br>CTGCTTCTTCAGCTCAAACAAGAGGATTTCCATCACCAAGGAGTAAGAAGACCTTCGGGCAGAGACTGT<br>TGGGTATGCTCCCTTCAGAAAACAGTTCTAAGAGGATGGAAGACCAGGACAGTCCTCAAGAGGTCCTTA<br>AGATGCTCATAG<br>ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT<br>TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC |
| **Restriction Sites:** | SgfI-MluI |
| **ACCN:** | NM_001297696 |

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| **Insert Size:** | 1047 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). |
| **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.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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_001297696.1 |
| **RefSeq Size:** | 3472 bp |
| **RefSeq ORF:** | 1047 bp |
| **Locus ID:** | 202243 |
| **Cytogenetics:** | 5q13.2 |
| **MW:** | 39.9 kDa |
| **Gene Summary:** | May be involved in the regulation of cell migration.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) has an alternate 5' UTR exon and an alternate splice site in the 5' coding region, and lacks an internal exon in the 3' coding region, which results in a frameshift, compared to variant 1. The resulting isoform (2) lacks an internal aa in the N-terminal region and has a shorter and distinct C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. |

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