

Product datasheet for **SC335792**

CCDC125 (NM_001297697) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC125 (NM_001297697) 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:	>SC335792 representing NM_001297697. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGTTAAAACTGAACCTGAGGCATCTCAAGACAACCTCAGAGGTAAAGAGGAAGCATTGAAAATTCCT
 CAAAGCATGGCAATACTGGGCAAAGCCACAAGTCATACGCAGGCAGTGCTTCAAAAACTATGGAACAA
 AACAGATCCTTGGAGAAGGAAATAAATGCCTTGCAGTGGGAAATAGAATTTGATCATAATAGATTTAAA
 AATATAGAGGAATCTTGGATCCAAAAATATGACAGGCTAACTGTGAAAATGCAGTCCTCAAAGAGAAT
 TTGAAAGTGAACAGAGAATAAATGCTGAAGTCTGACAATGCAGTTTGAATCAACGGTATTTG
 GAGGCCCTCGCCATGCTTGATATCAAACAGCAGAAGATGGCTCAGGAAAACATGTGCTGTGATAAAAGT
 GGCTTTGCAGAGGCTTCAGGTCTTGAGCTTGCGGTCTCGGAGCCTGCCTTTGTCATGGGCCCGGAGGG
 AACCCCTGTTCTTGTCGAGAATGGCAGCATCCACTCGGAACTGCTTCTTCAGCTCAAACAAGAGTTG
 GAAATTTTGCAGAAGAGTAAAGAAGAAGCTTACGTGATGGCAGATGCTTTCAGAATTGCATTTGAGCAA
 CAATTAATGAGAAAAATGACCAGGCACTACAATTGACACAAATGGATAAAATGCATAAAAAAGCAACA
 AAATGGATGAATTGGAAGCACCTTAAAGAGGATGGATTTCATCACCAGGAGTAAGAAGACCTTCGGG
 CAGAGACTGTTGGGTATGCTCCCTTCAGAAAACAGTTCTAAGAGGATGGAAGACCAGGACAGTCCTCAA
 GAGGTCCTTAAGATGCTCATAGATTTGCTTAATGATAAAGAAGAAGCTTTGGCTCATCAAAGAAAAGTT
 AGTCATGCTTGCTCGGCATTGGAAGACAAAGACACTGCTTCAAACGAGAATAAGAAAAAATCCT
 ATAAAAGAGAATTTCCCTTTCAACAACCCCTGGCGTAAGACTTCAGAATTCTCTGTTTTGGGTGATCCT
 ATACATTCAAGTGTCTGCATTTTAAATTCTGTGGGCTGCATTTGTTCAATCCAGCACTCTCAAATAGAT
 CCAAACCTAGAACTCTTAAAGATCCATTCTTTGCCATCAAGTATCATATTT**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001297697
Insert Size:	1161 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. 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_001297697.1</u>
RefSeq Size:	3528 bp
RefSeq ORF:	1161 bp
Locus ID:	202243
UniProt ID:	<u>Q86Z20</u>
Cytogenetics:	5q13.2
MW:	44.2 kDa
Gene Summary:	May be involved in the regulation of cell migration.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) has an alternate 5' UTR exon, lacks an internal segment and has an alternate splice site in the 5' region, compared to variant 1. The translation initiation is at a downstream AUG start codon, and the resulting isoform (3) has a shorter N-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.