

Product datasheet for **SC125862**

C9orf98 (AK8) (NM_152572) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C9orf98 (AK8) (NM_152572) Human Untagged Clone
Tag:	Tag Free
Symbol:	C9orf98
Synonyms:	AK 8; C9orf98; DDX31
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC125862 representing NM_152572.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACGCCACTATCGCCCCGCACCGTATCCCCCGAGATGCCCCAGTACGGGGAGGAGAACCACATC
TTCGAGTTGATGCAGAACATGCTGGAGCAACTCCTGATCCACCAGCCGAAGATCCCATCCCCTCATG
ATCCAGCACTTGATAGAGACAACGACAATGTGCCAGGATTGTAATATTAGGTCCACCCGCTCAGGG
AAAACAACAATAGCAATGTGGCTCTGCAAACATCTGAACAGCAGTCTCCTCACCCGAGAACCTGATC
TAAATGAGTTTTCTATACGGCCACCGAAGCCAGAAGGCTTTATCTGCAAAGGAAGACAGTTCCCAGC
GCGCTGCTCGTCCAGTGATTACAGAACGCCTGGCTGAAGAGGATTGCATCAAGCAGGGCTGGATTCTG
GATGGCATCCCTGAGACGCTGAGCAGGCTCTGAGGATCCAGACCCTGGGGATCACACCCAGACACGTC
ATTGTGCTGAGTCTCCAGACACGGTCTGATCGAGAGAACTTGGGAAGAGAATCGACCCCAAACCT
GGAGAGATTTATCACACCACCTTTGACTGGCCACCCGAATCTGAAATCCAGAACCGTCTCATGGTGCCA
GAGGACATCTCAGAGCTGGAGACGGCTCAGAAACTGCTGGAGTATCATAGGAACATCGTCAGGGTCATT
CCCTCCTACCCCAAAATCCTCAAAGTCATCAGTCTGACCAGCCATGTGTGGACGCTTCTACCAGGCT
CTGACCTATGTCAAAGCAACCATCGTACTAATGCCCCGTTACCCCGAGGGTGTGCTGCTCGGGCCT
GTGGGCAGTGGGAAAAGTCTGCAGGCCGCCCTCCTGGCCAGAAAACAGGCTTGTCAATGTCTGCTGT
GGGCAACTGCTGAAAGAGGCTGTGGCAGATAGGACCACGTTTGGCGAGCTCATCCAGCCCTTCTTTGAA
AAGGAGATGGCAGTTCCTGACAGCCTCCTCATGAAGGTGCTGAGCCAGCGCTGGACCAGCAGGACTGC
ATCCAGAAAGGCTGGGTGCTACACGGCTCCCGCGGGACCTCGACCAGGCACACCTGCTGAACCGCCTG
GGCTACAATCCCAACAGGGTGTCTTCTGAATGTGCCATTTGATTCCATCATGGAGCGGCTGACTCTG
AGAAGAATTGATCCAGTCACTGGGAAAGTACCACCTCATGTACAAGCCACCTCCACCATGGAGATC
CAGGCTCGCCTCCTGCAGAACCCTAAAGGATGCTGAAGAGCAGGTAAGCTGAAAAATGGACCTGTTCTAC
AGGAACTCAGTGACTTGAGCAGTTGTATGGGTGCGCCATCACCTCAATGGGGACCAGGACCCATAC
ACAGTCTTCAATACATCGAGAGTGGGATCATTAAATCCCTGCCCAAGAAAATCCCTTGA
AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
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Chromatograms: https://cdn.origene.com/chromatograms/ja3417_c04.zip

Restriction Sites: SgfI-RsrII

ACCN: NM_152572

Insert Size: 1440 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: [NM_152572.2](#)

RefSeq Size: 2185 bp

RefSeq ORF: 1440 bp

Locus ID: 158067

UniProt ID: [Q96MA6](#)

Cytogenetics: 9q34.13

MW: 54.9 kDa

Gene Summary: Nucleoside monophosphate (NMP) kinase that catalyzes the reversible transfer of the terminal phosphate group between nucleoside triphosphates and monophosphates. Has highest activity toward AMP, and weaker activity toward dAMP, CMP and dCMP. Also displays broad nucleoside diphosphate kinase activity.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longest isoform (1).