

Product datasheet for **SC108234**

C9orf25 (FAM219A) (NM_147202) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C9orf25 (FAM219A) (NM_147202) Human Untagged Clone
Tag:	Tag Free
Symbol:	C9orf25
Synonyms:	C9orf25
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108234 sequence for NM_147202 edited (data generated by NextGen Sequencing) ATGATGGAGGAGATCGACCGTTCCAGGTGCCCCACCGCGCACTCGGAGATGCAGCCGCTG GACCCAGCCGCCCTCCATCTCTGACGGAGACTGTGACGCCCGGAGGAGAAGCAGCGG GAGCTGGCCCGGAAGGGCTCCCTGAAGAATGGCAGCATGGGTAGCCCTGTCAACCAGCAA CCCAAGAAGAACAATGTCATGGCCGAACAAGGCTGGTCGTCCCCAATAAAGGCTACTCC TCACTTGACCAGAGCCCTGATGAGAAGCCACTGGTAGCCCTTGACACGGACAGCGATGAT GACTTTGACATGTCTAGATACTCCTCCTCCGGCTACTCCTCTGCTGAGCAGATCAACCAA GATTTGAACATCCAGCTGCTGAAGGACGGCTACCGTTAGATGAGATCCCCGACGACGAG GACCTAGACCTCATCCCCCAAGTCCGTGAACCCACGTGCATGTGCTGCCAGGCCACG TCCTCCACCGCCTGCCACATTCACTAG Clone variation with respect to NM_147202.1



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_147202 unedited <pre> CTTATATTAGGTAATACGACTCACTATAGGGCGGCNCGCGAATTCGCACGAGGTGGGGCC GCCGCCCCGCGCGGTCTGTGCGCGTCCGCGGCCGCGCCCGGCCCTGGCCCGCTCGCCC GCCGGCACCATGATGGAGGAGATCGACCGGTTCCAGGTGCCACCGCGCACTCGGAGATG CAGCCGCTGGACCCAGCCGCGCCTCCATCTCTGACGGAGACTGTGACGCCCGGGAGGAG AAGCAGCGGGAGCTGGCCCGAAGGGCTCCCTGAAGAATGGCAGCATGGGTAGCCCTGTC AACCAGCAACCAAGAAGAACAATGTCATGGCCCGAACAAGGCTGGTCGTCCCAATAAA GGCTACTCCTCACTTGACCAGAGCCCTGATGAGAAGCCACTGGTAGCCCTTGACACGGAC AGCGATGATGACTTTGACATGTCTAGATACTCCTCCTCCGGCTACTCCTCTGCTGAGCAG ATCAACCAAGATTGAACATCCAGCTGCTGAAGGACGGCTACCGTTAGATGAGATCCCC GACGACGAGGACCTAGACCTCATCCCCCAAGTCCGTGAACCCACGTGCATGTGCTGC CAGGCCACGTNCTCCACCGCTGCCACATTAGTAGCGGGCGGGGCCACTGCGGTGCGCCG GGGCGGGGCCCGCAAGGCCCGTAAGACGGGCAGATGCCGACCCCTTCCAGCTCGTCTG CCTGGCCCGGTCCCGGGCCCTACAGCCGGCAACCTGTTTAACAGACATTGCTTCCTCC CATGGTAGGACCTGTACCTCTGTGTGTTATGGAAGCTGGANAAACCAAACTGGGGCTCT TCTCACCCCGAACTTAAGAGGGGTGGGGGCCCTTTGTTCAAATCCCTGGGGAAACCTTC CCANNACCTTGCCCGGTTCCAGGCTGGTCAAAGAAATACTGACGGCGGGAGTCAAATTA CAGTGGGGG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_147202
Insert Size:	4700 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_147202.1</u> , <u>NP_671735.1</u>
RefSeq Size:	3641 bp
RefSeq ORF:	507 bp
Locus ID:	203259
UniProt ID:	<u>Q8IW50</u>
Cytogenetics:	9p13.3

Gene Summary:

The protein encoded by this gene has homologs that have been identified in mouse, macaque, etc organisms. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Dec 2010]
Transcript Variant: This variant (4) uses a different splice site in the coding region, compared to variant 1. The resulting protein (isoform 4) lacks an internal segment when it is compared to isoform 1.