

Product datasheet for **RG200010**

SNRNP25 (NM_024571) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SNRNP25 (NM_024571) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: SNRNP25
Synonyms: C16orf33
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG200010 representing NM_024571
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACGTGTTCCAGGAGGGTCTGGCTATGGTGGTGCAGGACCCGCTGCTCTGCGATCTGCCATCCAGG
TTACTCTGGAAGAAGTCAACTCCCAAATAGCCCTAGAATACGGCCAGGCAATGACGGTCCGAGTGTGCAA
GATGGATGGAGAAGTAATGCCCGTGGTTGTAGTGCAGAGTGCCACAGTCTGGACCTGAAGAAGGCCATC
CAGAGATACGTGCAGCTCAAGCAGGAGCGTGAAGGGGCATTACGACATCAGCTGGTCTACGTGTGGA
GGACGTACCATCTGACCTCTGCAGGAGAGAACTCACGGAAGACAGAAAGAAGCTCCGAGACTACGGCAT
CCGGAATCGAGACGAGGTTTCCTTCATCAAAAAGCTGAGGCAAAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG200010 representing NM_024571
Red=Cloning site Green=Tags(s)
MDVFQEGLAMVVQDPLLCDLPIQVTL EEVNSQIALEYQAMTVRVCKMDGEVMPVVVVQSATVLDLKKAI
QRYVQLKQEREGGIQHISWSYVWRTYHLTSAGEKLTEDRKKLRDYGIRNRDEVSFIKKLRQK

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_024571

ORF Size: 396 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_024571.3](#)

RefSeq Size: 1695 bp

RefSeq ORF: 372 bp

Locus ID: 79622

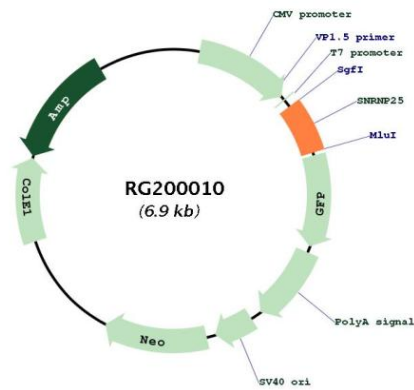
UniProt ID: [Q9BV90](#)

Cytogenetics: 16p13.3

Protein Families: Druggable Genome

Gene Summary: Two types of spliceosomes catalyze splicing of pre-mRNAs. The major U2-type spliceosome is found in all eukaryotes and removes U2-type introns, which represent more than 99% of pre-mRNA introns. The minor U12-type spliceosome is found in some eukaryotes and removes U12-type introns, which are rare and have distinct splice consensus signals. The U12-type spliceosome consists of several small nuclear RNAs and associated proteins. This gene encodes a 25K protein that is a component of the U12-type spliceosome. [provided by RefSeq, Apr 2010]

Product images:



Circular map for RG200010