

Product datasheet for **MG204232**

Cpsf3l (BC008240) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cpsf3l (BC008240) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Cpsf3l
Synonyms: 2410006F12Rik; AU044035
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG204232 representing BC008240
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTTGAGTTTAAGCACATCAAAGCCTTTGACCGGACATTTGCTGACAACCCAGGTCCCATGGTTGTGT
 TTGCCACACCTGGGATGCTGCATGCTGGCCAATCCCTGCAAATCTCCGGAAGTGGGCAGGAAATGAGAA
 GAACATGGTCATCATGCCTGGTTATTGTGTGCAAGGCACCGTGGGCCACAAGATCCTTAGTGGGCAACGT
 AAAGTGGAAATGGAAGGGCGCCAGATGCTGGAGGTAAGATGCAAGTGAATACATGTCCTTCAGCGCCC
 ATGCTGATGCCAAGGGCATCATGCAGCTGGTAGGACAAGCGGAGCCCGAGAGTGTGCTGTTGGTGCATGG
 CGAAGCCAAGAAGATGGAGTTCCTGAGGCAGAAGATTGAGCAGGAATCCGGGTCAGCTGCTACATGCCG
 GCCAATGGTGAGACAGTGACGCTGCCCAAGCCCTAGCATCCCTGTGGGCATCTCCCTGGGATTGCTGA
 AGCGGGAGATGGTGCAGGGGCTGTTGCCTGAAGCCAAAAAACCTAGGCTTTTACATGGCACCCCTCATTAT
 GAAAGACAGTAATTTCCGGCTGGTATCCTCAGAGCAAGCCCTGAAGGAGCTGGGCCTGGCAGAGCACCAA
 CTTTCGTTACCTGTGCTGTGCACCTGCAGGACACACGCAAGAACAAGAAACAGCTTTACGTGTGTACA
 GCCATCTCAAGAGCACCCCTCAAGGACCACTGTGTACAGCATCTCCCCGATGGCTCTGTGACTGTGGAGTC
 CATTCTAATCCAGGCTGCCGCCATTTCGGAGGACCCTGGTACCAAGGTGCTATTGGTCTCCTGGACTTAC
 CAGGATGAAGAGCTGGGAAGCTTCTCAACATTGCTCAAAAATGGCCTTCTCAGGCTCCACAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204232 representing BC008240
 Red=Cloning site Green=Tags(s)

MFEFKHIKAFDRTFADNPGPMVVFATPGLHAGQSLQIFRWAGNEKNMVIMPGYCVQGTVGHKILSGQR
 KLEMEGRQMLEVKMQVEYMSFSAHADAKGIMQLVGQAEPEVLLVHGEAKKMEFLRQKIEQEFVSCYMP
 ANGETVTLPTSPSIPVGI SLGLLKREMVQGLLPEAKKPRLLHGTLMKDSNFRLVSEQALKELGLAEHQ
 LRFTRVHLQDTRKEQETALRVYSHLKSTLKDHCVQHLPDGSVTVESILIQAAAHSDEPGTKVLLVSWTY
 QDEELGSFLTLLKKNLPPQAPS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC008240

ORF Size: 906 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: [BC008240.1](#)

RefSeq Size: 1222 bp

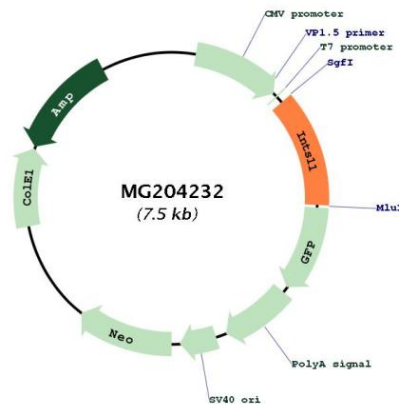
RefSeq ORF: 908 bp

Locus ID: 71957

Cytogenetics: 4 87.66 cM

Gene Summary: Catalytic component of the Integrator complex, a complex involved in the small nuclear RNAs (snRNA) U1 and U2 transcription and in their 3'-box-dependent processing. The Integrator complex is associated with the C-terminal domain (CTD) of RNA polymerase II largest subunit (POLR2A) and is recruited to the U1 and U2 snRNAs genes. Mediates the snRNAs 3' cleavage. Mediates recruitment of cytoplasmic dynein to the nuclear envelope, probably as component of the INT complex.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG204232