

Product datasheet for **RG207341**

C17ORF39 (GID4) (NM_024052) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C17ORF39 (GID4) (NM_024052) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C17ORF39
Synonyms:	C17orf39; VID2; VID24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG207341 representing NM_024052 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGTGCGCGAGGGCAAGTCGGGAGGGGACCCAGCTCAGGACTGGGAGGCCCTGCTCGCAGGTCCTG
GGTCCCGGTGGCGGCCGAGCGCTTGTCCGCAGGCAGCGGGCGGGTGGTCGCCCTCCCGCCCCACCC
CGCGCGTGGCGCCCCGGCCTCTCCCTCCCGCCACCCTCCTCGGCTCCCGCGCGGGCGGGCGGTTCCT
CTCCCACTCCCCAGCCCTGGCTCCGGGGACCCCGCATGCCGGTCCGCACCGAGTGTCGCCCGCGG
CCGGTGCCTCCGCTGCCTCCGCGGCCTCACTCATCCCGCCGCCCATCAACACCCAGCAGCCCGGCGT
GGCCACCAGCCTGCTCTACAGCGGCTCCAAGTTCCGCGGCCACCAGAAGCAAGGGGAACCTCGTACGAC
GTAGAGGTGGTGCTGCAGCACGTGGACACGGGAACTCTTACCTTTGTGGTACTTGAAGATTAAGGCC
TTACTGAGGAGTATCCAACCTTACAACCTTCTCGAAGGAGAAATAATCAGCAAAAAACACCTTTCTT
AACTCGCAAGTGGGATGCAGATGAAGATGTTGATCGGAAACACTGGGCAAGTTTCTGGCTTTTTATCAG
TATGCAAATCATTTAACTCAGATGACTTTGATTATGAAGAGCTGAAGAATGGAGACTACGTCTTCATGA
GGTGAAGGAACAGTTTCTGGTCCCAGATCACACGATCAAAGACATCAGTGGTGCTTCTTTGCCGGTT
CTACTACATCTGCTTTGAGAAGTCAGCAGCCTCCATAGAGGGCTACTACTACCATAGGAGTTCAGAAATGG
TATCAGTCCCTCAATCTAACCCATGTTCTGAACACAGTGACCCATCTATGAATCCGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG207341 representing NM_024052
 Red=Cloning site Green=Tags(s)

MCARGQVGRGTQLRTGRPCSQVPGSRWRPERLLRRQRAGGRPSRPHPARARPGLSLPATLLGSRAAAVPLPLPPALAPGDPAMPVRETECPPPAGASAASAASLIPPPPINTQQPGVATSLLYSGSKFRGHQKSKGNSYDVEVVLQHVDTGNSYLCGYLKIKGLTEEYPTLTTFFEGEII SKKHPFLTRKWDATEDVDRKHGKFLAFYQYAKSFNSDDFDYEELKNGDYVFMRWKEQFLVPDHTIKDISGASFAGFYIICFQKSAASIEGYYYHRSSEWYQSLNLTHVPEHSAPIYEFR

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024052

ORF Size: 900 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_024052.3](#)

RefSeq Size: 4232 bp

RefSeq ORF: 903 bp

Locus ID: 79018

UniProt ID: [Q8IIV7](#)

Cytogenetics: 17p11.2

Gene Summary: The multiprotein Mediator complex is a coactivator required for activation of RNA polymerase II transcription by DNA bound transcription factors. The protein encoded by this gene is thought to be a subunit of the Mediator complex. This gene is located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG207341