

Protein Sequence: >MG216399 representing NM_145579
 Red=Cloning site Green=Tags(s)

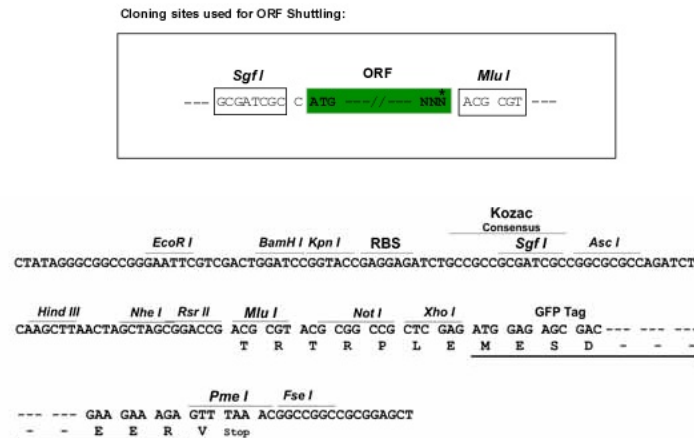
MASATAAAAPGEAEETRLRKPRFSFEENQILIREVRAHYPQLYGAQSRVSVAEERRRVWDSIATKINGI
 TSWKRTGQEVQKRWNDFKRRTKEKLARVPHSTQGAGPAEDAFSAEETIFAILGPGVAGPGAGSGAEES
 RAAASSQPQASTASTQRYVLSDDRQDRRADTPAQSKGSSSPESWARPSCNPQEAKERESTSPAAMQPV
 QLPRLALSPPLPAPPPPTALAQVAPSSPTPPRPTSAPEQSLDFLRAQQETANAIRELAGTLRQGLAK
 LSEALSALLPLPGTPADPLPPPPPPPPPPPKPVLPPSAPKVELAPEVSVVAAVVDGAVVAARGVIIS
 PRSEEGVPKPLPPAPPLPHDSPPHKRRKGFTRKRRGRWKSP

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_145579

ORF Size: 1179 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_145579.3](#), [NP_663554.1](#)

RefSeq Size: 2188 bp

RefSeq ORF: 1182 bp

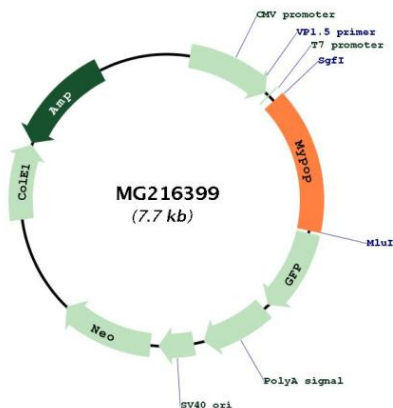
Locus ID: 232934

UniProt ID: [Q8R4U1](#)

Cytogenetics: 7 A3

Gene Summary: Transcriptional repressor; DNA-binding protein that specifically recognizes the core sequence 5'-YAAC[GT]G-3'. Dimerization with PFN1 reduces its DNA-binding capacity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG216399