

Product datasheet for **RG216271**

DUSP15 (NM_177991) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: DUSP15 (NM_177991) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: DUSP15
Synonyms: C20orf57; VHY
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG216271 representing NM_177991
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTGTGACGGGGCTAGGCTGGCGGGACGTGCTTGAAGCCATCAAGGCCACCAGGCCATCGCCAACC
CCAACCCAGGCTTTAGGCAGCAGCTTGAAGAGTTGGCTGGGCCAGTCCCAGAAGCTTCGCCGGCAGCT
GGAGGAGCGCTTCGGCGAGAGCCCCTCCGCGACGAGGAGGAGTTGCGCGCGCTGCTGCCGCTGTGCAAG
CGCTGCCGGCAGGGCTCCGCGACCTCGGCTCCTCCGCCGGGCCGCACTCAGCAGCTCCGAGGGAACCG
TGCAGCGCTGGTCCGCGCACGCCCGGGAAGCCACCAGGCCGCTGCCGCTGCTGGCGCGCTCAAGCA
GACTTCTCTTGCTCCCCGGTGTCTGTCCCGCAAGGGCGGCAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG216271 representing NM_177991
Red=Cloning site Green=Tags(s)
MTVTGLGWRDVLLEAIKATRPIANPNPGRFRQLEEFGWASSQKLRRLQLEERFGESPFRRDEEELRALLPLCK
RCRQGSATSASSAGPHSAASEGTVQRLVPRTPREAHRPLPLLARVKQTFSCLPRLSRKGGK

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

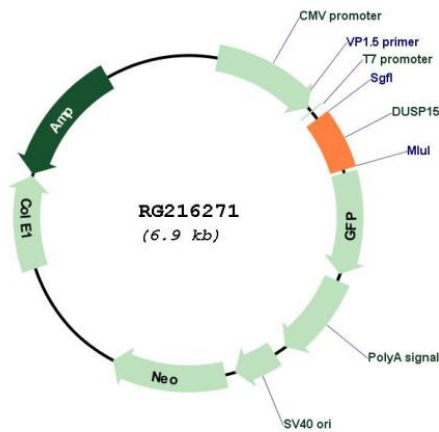


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Cloning Scheme:



Plasmid Map:



ACCN: NM_177991

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:	<ol style="list-style-type: none">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_177991.3
RefSeq Size:	1184 bp
RefSeq ORF:	399 bp
Locus ID:	128853
UniProt ID:	Q9H1R2
Cytogenetics:	20q11.21
Protein Families:	Druggable Genome, Phosphatase
Gene Summary:	The protein encoded by this gene has both protein-tyrosine phosphatase activity and serine/threonine-specific phosphatase activity, and therefore is known as a dual specificity phosphatase. This protein may function in the differentiation of oligodendrocytes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]