

Product datasheet for **RG208488**

C6orf62 (NM_030939) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C6orf62 (NM_030939) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C6orf62
Synonyms:	dj30M3.2; Nbla00237; XTP12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG208488 representing NM_030939 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGACCCAACTCCCGGAAGAAACAAGCTCTGAACAGACTACGTGCTCAGCTTAGAAAGAAAAAG
AATCTCTAGCTGACCAGTTTGACTTCAAGATGTATATTGCCTTTGTATTCAAGGAGAAGAAGAAAAAGTC
AGCACTTTTGAAGTGTCTGAGGTTATACCAGTCATGACAATAATTATGAAGAAAATATCCTGAAAGGT
GTGCGAGATTCCAGCTATTCCTTGAAAGTTCCTAGAGCTTTTACAGAAGGATGTGGTACAGCTCCATG
CTCCTCGATATCAGTCTATGAGAAGGGATGTAATTGGCTGTACTCAGGAGATGGATTTTCATTCTTTGGCC
TCGGAATGATATTGAAAAATCGTCTGTCTCCTGTTTTCTAGGTGAAAGAATCTGATGAGCCTTTTAGG
CCTGTTACAGGCCAAATTTGAGTTTCATCATGGTACTATGAAAAACAGTTTCTGCATGTACTGAGCCGCA
AGGACAAGACTGGAATCGTTGTCAACAATCCTAACAGTCAGTGTCTCTTTCATTGACAGACAGCACTT
GCAGACTCCAAAAACAAGCTACAATCTTCAAGTTATGCAGCATCTGCCTCTACCTGCCACAGGAACAG
CTCACCCACTGGGCAGTTGGCACCATAGAGGATCACCTCCGTCCTTATATGCCAGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG208488 representing NM_030939
 Red=Cloning site Green=Tags(s)

MGDPNSRKKQALNRLRAQLRKKKESLADQDFDKMYIAFVFKEKKKKSALFEVSEVIPVMTNNYEENILKG
 VRDSSYSLESLLELLQKDVVQLHAPRYQSMRRDVI GCTQEMDFILWPRNDIEKIVCLLFSRWKESDEPFR
 PVQAKFEFHGDYEQFLHVL SRKDKTGIVVNNPNQSVFLFIDRQHLQTPKNKATIFKLC S I C L Y L P Q E Q
 LTHWAVGTIEDHLRPYMP E

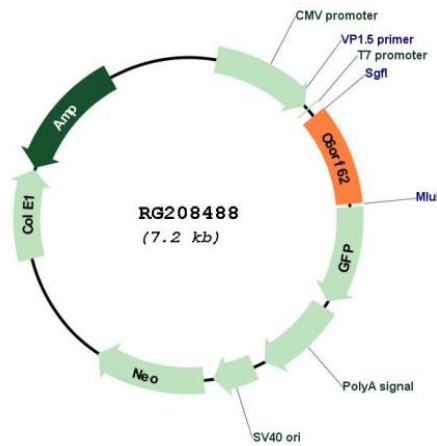
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_030939

ORF Size: 687 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_030939.5
RefSeq Size:	2424 bp
RefSeq ORF:	690 bp
Locus ID:	81688
UniProt ID:	Q9GZU0
Cytogenetics:	6p22.3