

Product datasheet for **MG200437**

Bet1l (BC019730) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bet1l (BC019730) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Bet1l
Synonyms: 2610021K23Rik; Gs15
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200437 representing BC019730
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAGATTGGACTCGAGCTCAGAGCTCTGGTGTGTGGAGGACATTCTGGACAGAGAGAACAAGCGGA
TGGCTGACAGCCTGGCCTCCAAGGTGACCAGGCTAAATCGGTGAGTGGTGGCCCTTCCCTTCCGTGA
GATACTTTGGTGGGTGGGCTGAGAGGGGAGGAAGGAGCCGTGTCTGTCTGTGGGCATTGCTGACTGG
AGAAGTGCTTCAGGTAATAACTTGGCCTTTTTTTAGCTTCTCTGGTAATAGGACTTTTCAGAGTCGT
GGTAAAATGTAGCTGGTCTGAAGGAAGGTGGGCACTACTCTGTGGCTTTGCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200437 representing BC019730
Red=Cloning site Green=Tags(s)

MADWTRAQSSGAVEDILDRENKRMADSLASKVTRLKSVSGGPLPFREILWWVGLRGEEGGRVLSVGIADW
RSASGNNLAFFLAFSGNRYFSESWVKCSWSEGKVGTTLCGFA

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

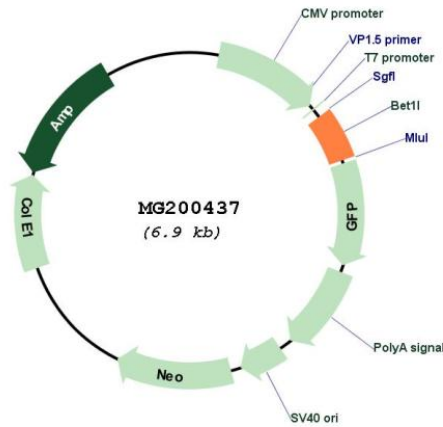


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Cloning Scheme:



Plasmid Map:



ACCN: BC019730

ORF Size: 338 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:	<u>BC019730</u> , <u>AAH19730</u>
RefSeq Size:	719 bp
RefSeq ORF:	338 bp
Locus ID:	54399
Cytogenetics:	7 F4
Gene Summary:	Vesicle SNARE required for targeting and fusion of retrograde transport vesicles with the Golgi complex. Required for the integrity of the Golgi complex (By similarity). [UniProtKB/Swiss-Prot Function]