

Product datasheet for **MG203738**

Asb13 (NM_080857) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Asb13 (NM_080857) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Asb13
Synonyms: 2210015B19Rik; 6430573K02Rik; Asb-13; C85285
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG203738 representing NM_080857
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGCCGCGCGCCGGGACGGCTGCTTCTGGGAGATGTGGGTTTCTGGGTGGAGCGCACGCCCGTTC
 ATGAGGCGGCTCAGCGGGTGAGAGCCTCCAGCTTCAGCAGCTGATTGACAGTGGAGCATGTGTTAACCA
 GGTCAGTGTGGACTCGATCACACCCCTTCATGCAGCAAGTCTGCAGGGCCAGGCCAGTGTGCAGCTG
 CTGCTAGCAGCTGGTCCAGGTGGACGCACGCAACATTGACGGCAGCACCCCTTTGTGATGCCTGTG
 CCTCAGGCAGCATTGAGTGTGTGAAGCTTTGCTGTCTATGGGGCGAAAGTCAACCTCCTTTGTACAC
 AGCATCCCGCTACACGAGGCCTGCATGAGTGGGAGTTCTGAATGCGTGAGGCTTCTATTGATGTTGGG
 GCCAACCTGGAAGCCACGATTGCCATTTGGGACGCCTTACATGTTGCTGTGCCCGGGAGCATTGG
 ACTGTGTCAAAGTGTGCTCAATGCAGGGGCCAATGTGAACGCAGCCAACTTCATGAGACTGCGCTTCA
 TCATGCAGCCAAGGTAAGAAGCCTTACCTCATCGAGATGCTCATAGAGTTTGGAGGCAACATCTATGCC
 CGGGACAACCGGGGAAGAAGCCTCGGACTACACGTGGAGCAGCAGCGCCCGGCAAGTGCTTTGAGT
 ACTATGAAAAGACACCTTTAGCCTCTCCAGCTCTGCAGGTGAGCCTGAGGAAGGCCACCGGTGTCCG
 AGGACTAGAGAAAGTCGCAAGTTGAACATCCCTCCCGGCTCATCGACTACCTTTCCTACAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

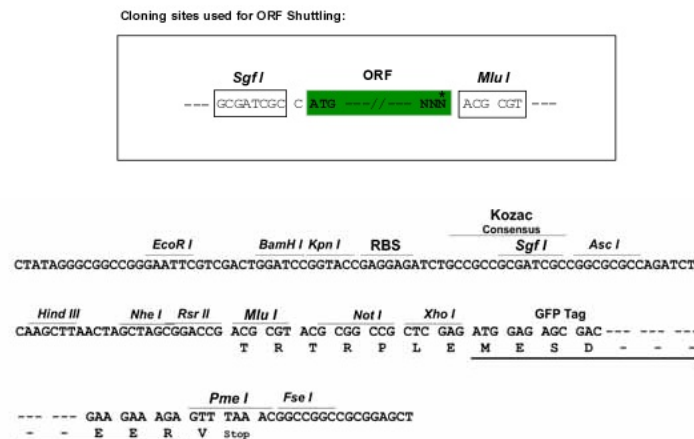
Protein Sequence: >MG203738 representing NM_080857
 Red=Cloning site Green=Tags(s)

MEPRAGDGCFLGDVGFWVERTPVHEAAQRGESLQLQQLIDSGACVNQVTVDSTITPLHAASLQGQAQCQVQL
 LLAAGAQVDARNIDGSTPLCDACASGSIECVKLLL SYGAKVNPPLYTASPLHEACMSGSSSECVRLIDVG
 ANLEAHDCHFGLPLHVACAREHLDCVKVLLNAGANVNAAKLHETALHHAAKVKNVDLIEMLIEFGGNIYA
 RDNRGKKPSDYTWSSSAPAKCFEYYEKTPLSLSQLCRVSLRKATGVRGLEKVAKLNIPRLIDYLSYN

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_080857

ORF Size: 834 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.

RefSeq: [NM_080857.2](#), [NP_543133.1](#)

RefSeq Size: 2359 bp

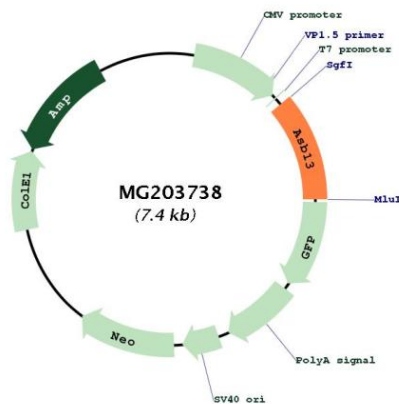
RefSeq ORF: 837 bp

Locus ID: 142688

Cytogenetics: 13 A1

Gene Summary: May be a substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG203738