

Product datasheet for **RG215887**

ASB6 (NM_177999) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Tag: TurboGFP
Symbol: ASB6
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG215887 representing NM_177999
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCGTTCTGCACGGCTTCCGGAGGATCATCTTCGAGTACCAGCCGCTGGTGGATGCGATTCTGGGCT
CCCTGGGGATCCAGGACCCGAGCGGCAGGAGTCTCTGGACCGCCAGTTATGTCGCCAGCGAGGAGAG
CCGAATCCTTGTTCTCACTGAGCTGCTGGAGAGGAAAGCCCACTCTCCCTTTTACCAGGAAGCGTGAAGC
AACGCCCTGCTCAAGATGGCTGAGCTGGGGCTGACGCGGGCGGCCGACGTTCTCTTGCGGCATGGGGCCA
ATCTCAACTTTGAAGACCCAGTCACCTACTACACGGCCTTGACATCGCCGCTCTGCGGAACAGCCGGA
CATGGTGGAGCTGCTGGTGCATCACGGGGCCGACGTTAATCGGAGGGACCGGAAAACTGCTCTGCTCC
ATGCTCTGGCCAGCAGCGAGCGGGGTGCAGATCCACAATACTGAGAACATTGCTCTCTTACTGGAAGGAGG
GGCAGACGTCAGGCGACCAAGAGTGGGGACACAGTGTTACCTGCATCATCTTCTGCTTGGTGAG
ACCGTGGGAGGGGACAAAGAGGAGGCCAGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAA

Protein Sequence: >RG215887 representing NM_177999
Red=Cloning site Green=Tags(s)

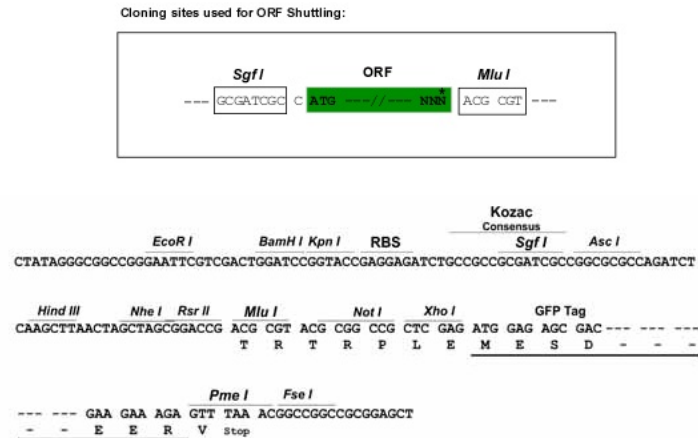
MPFLHGFRRIIFEYQPLVDAILGSLGIQDPERQESLDRPSYVASEESRILVLTELLERKAHSPFYQEGVS
NALLKMAELGLTRAADVLLRHGANLNFEDPVITYTALHIAVLRNQPDMEVLLVHHGADVNRDRKLLCS
MLWPAATGCRSTILRTFVSYWKEGQTSRPPPKMGTCSPASSSCLVRPWEGTKRRPR

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



Cloning Scheme:



ACCN: NM_177999

ORF Size: 591 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_177999.3](#)

RefSeq Size: 4544 bp
RefSeq ORF: 594 bp
Locus ID: 140459

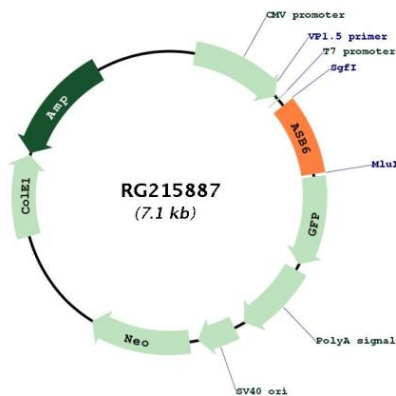
UniProt ID: [Q9NWX5](#)

Cytogenetics: 9q34.11

Protein Families: Druggable Genome

Gene Summary: The protein encoded by this gene belongs to a family of ankyrin repeat proteins that, along with four other protein families, contain a C-terminal SOCS box motif. Growing evidence suggests that the SOCS box, similar to the F-box, acts as a bridge between specific substrate-binding domains and the more generic proteins that comprise a large family of E3 ubiquitin protein ligases. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Jan 2011]

Product images:



Circular map for RG215887