

Product datasheet for **RG213569**

ASB13 (NM_024701) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB13 (NM_024701) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ASB13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG213569 representing NM_024701 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCCCCGGGCGGGACGGCTGCTTCTGGGCGACGTGGGTTTCTGGGTGGAGCGGACCCCTGTGC
ACGAGGCAGCCAGCGGGGTGAGAGCCTGCAGCTGCAACAGCTGATCGAGAGCGGCGCCTGCGTGAACCA
GGTCACCGTGGACTCCATCACGCCCTGCACGCAGCCAGTCTGCAGGGCCAGGCGCGGTGTGTGCAGCTG
CTGTGGCGGCTGGGGCCAGGTGGATGCTCGCAACATCGACGGCAGCACCCCGCTCTGCGATGCCCTGGC
CCTCGGGCAGCATCGAGTGTGTGAAGCTTTGCTGTCTACGGGGCCAAGGTCAACCCTCCCTGTACAC
AGCGTCCCCCTGCACGAGGCCTGCATGAGCGGGAGTTCCGAATGTGTGAGGCTTCTTATTGACGTGCGG
GCCAATCTGGAAGCGCACGATTGCCATTTGGGACCCCTCTGCACGTTGCCTGTGCCCGGGAGCATCTGG
ACTGTGTCAAAGTGTGCTCAATGCAGGGGCCAACGTGAATGCGGCAAAGCTTTCATGAGACTGCCCTTCA
CCACGCGGCCAAGGTCAAGAATGTTGACCTCATCGAGATGCTTATCGAGTTTGGCGGCAACATCTACGCC
CGGGACAACCGCGGGAAGAAGCCGTCTGACTACACGTGGAGCAGCAGCGCTCCCGCAAGTGCTTCGAGT
ACTACGAAAAGACACCTCTGACTCTGTACAGCTCTGCAGGGTGAAGTGGAGGAAGGCCACTGGCGTCCG
AGGGCTGGAGAAGATTGCCAAGTTAAACATCCCCCGGCTCATTGATTACCTCTCTACAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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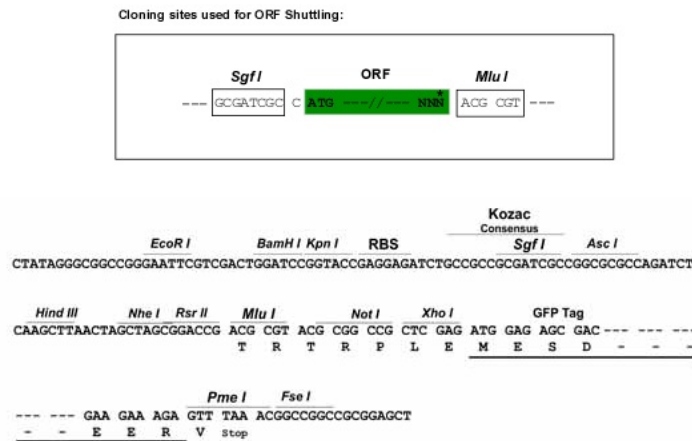
Protein Sequence: >RG213569 representing NM_024701
 Red=Cloning site Green=Tags(s)

MEPRAADGCFLGDVGFWVERTPVHEAAQRGESLQLQQLIESGACVNQVTVDSITPLHAASLQGQARCVQL
 LLAAGAQVDARNIDGSTPLCDACASGSIECVKLLL SYGAKVNPPLYTASPLHEACMSGSSECVRLIDVG
 ANLEAHDCHFGLPLHVACAREHLDCVKVLLNAGANVNAAKLHETALHHAAKVKNVDLIEMLIEFGGNIYA
 RDNRGKKPSDYTWSSAPAKCFEYYEKTPLTLSQLCRVNLRKATGVRGLEKIAKLNIPRLIDYLSYN

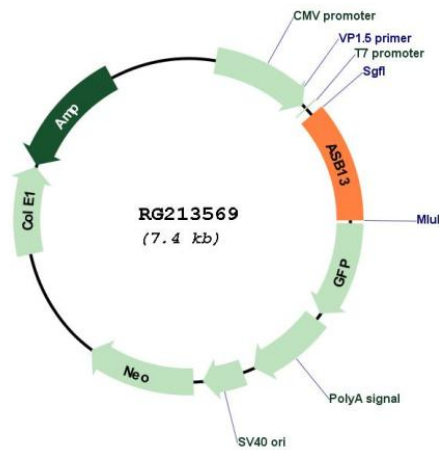
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_024701

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:	<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_024701.4
RefSeq Size:	2764 bp
RefSeq ORF:	837 bp
Locus ID:	79754
UniProt ID:	Q8W XK3
Cytogenetics:	10p15.1
Domains:	ANK
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene is a member of the ankyrin repeat and SOCS box-containing (ASB) family of proteins. They contain ankyrin repeat sequence and a SOCS box domain. The SOCS box serves to couple suppressor of cytokine signalling (SOCS) proteins and their binding partners with the elongin B and C complex, possibly targeting them for degradation. Multiple alternatively spliced transcript variants, both protein-coding and not protein-coding, have been described for this gene. [provided by RefSeq, Nov 2010]