

Product datasheet for **RG225789**

ASB18 (NM_212556) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB18 (NM_212556) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ASB18
Synonyms:	ASB-18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG225789 representing NM_212556
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCAACCTCGATTACCTTCCGACTACCCACTCAACTCAGATTTAGTGAAGAGATTAAGTCTGCC
 TGATGCCAAAGATGAGGAGAGAGTGAGGGATTTAATCTGCACTGAAATCACGCCTGTGGACGCTGTGAT
 AGAACTGGCCAATGACGACTGGATGAAAGACCCCTCGGCTCAGCTGCCACCGGCATGCTGCTAGGGGAC
 CTCGACCATCTGAAGCCCTCATGGACCAGTTCTCCAGGATGCCAACGTGGTGTGGATCAATAAGG
 ATGAGATGGAATGGCAGGTGAAATCTCCAGCCAGCTTTGGACTATCAGGCCTCTGGACCCTGGAGTACAA
 GCGTGAGCTCACACGCCCTGTGCATCGCCGCGGCCACGGCCACACCGCTGCGTGCGACACCTGCTC
 GGCCGCGCGCAGACCCAGACGCCAGCCCGCGCGGCCGCGCCCTGCACGAGGCTGCTCGGGGGCC
 ACACCGCTGCGTCCGCCTGCTGCTGCAGACCCGCGCCAGCCCGACCTGCTCAGCGCCAGGGCCTGGC
 GCCTCTGCACCTCTGCCGCACGGCCGCTGCTCGGGTGCAGCAGGCGCTGCTGGAGCACGGGGCCTCG
 GTGCAGCGCGTGGCGCGCACGGCCGGGACACGGCTGCACGTGGCGCGCAGCGCGGCCTGGACGAGC
 ACGCGCGCTGTACCTGGGCCGCGGGGCGCACGTGGACGCGAGGAACGGCCGCGGAGAGACGGCTCTGAG
 CGCGGCCTGCGGTGCGCGCGGAGGCCCGACGAGCACGGGCGCTGCCTGCGCCTGTGCGCGCTGCTGCTG
 CGGCGCGGGCGGAGGCGGACGCGCGGACGAGGACGAGCGCAGCCCGCTGCACAAAGCCTGCGGCCACG
 CGAGCCACAGCCTGGCGCGCCTCTACTGCGGCACGGCGCGACGCGGGCGCGCTGACTATGGCGGGG
 CTCGCGCTGGCCGCGTCTCCAGACCGCATCTGCGCTCTCCAGGCCTCACCGCAGCGCACGGTGCAG
 GCGCTGCTCAACCACGGCTCTCCACCGTGTGGCCGACGCCCTCCCAAGGTGCTGAAGACCTGTGCAT
 CTGTCCCGCAGTCATCGAGGTGCTTTCACTCCTACCCTCAGCTCTGCTTGTACAGAGCTCTGGAAGGA
 AGTGATTCTGAGGAAGTATTCCAGATGCACAAGCCGTTCTACCAGTCCCTCTTTGCCTTGCCCTCACC
 CCACGCTGCCTGCAGCATCTTTCGCGTGTGCTCTTCGACAGCTTTTGGCAAAAGGTGCTTTGACCTCA
 TCCCCTGTTACCCTTGCCAAAGCCCTGCAGAATTACCTACTTTGGAGCCACAGGGTGTGTTTGCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG225789 representing NM_212556
 Red=Cloning site Green=Tags(s)

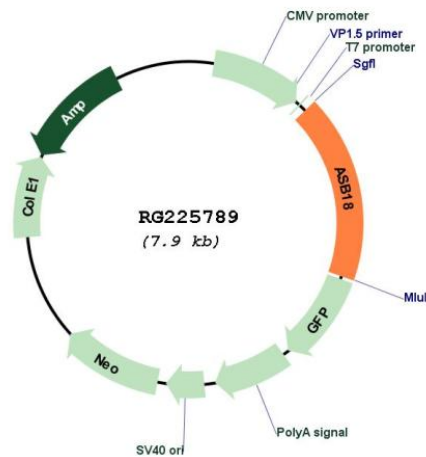
MSNSDYLPDYPLNSDLVKRLKSALDAKDEERVRDLICTEITPVDVAVIELANDDWMKDPSAQLPTGMLLGD
 LDHLKPLMDQFFQDANVFEINKDEMEWQVKSPTFGLSGLWLEYKRELTTPLCIAAAHGHTACVRHLL
 GRGADPDASPGGRGALHEACLGGHTACVRLLLQHRADPDLLSAEGLAPLHLCRTAASLGCAQALLEHGAS
 VQRVGGTGRDTPLVHAAQRGLDEHARLYLGRGAHVDAVNRGRGETALSAACGAARRPDEHGRCLRLCALLL
 RRGAEADARDEDERSPLHKACGHASHLARLLLRHGADAGALDYGGASPLGRVLQTASCALQASQRTVQ
 ALLNHGSPTVWPDAPFKVLKTCASVPAVIEVLFNFSYPQLCLSESWKEVIPEEVFQMHKPFYQSLFALALT
 PRCLQHLRCALRRLFGKRCFDLIPLLPLPKPLQNYLLLEPQGV LH

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_212556

ORF Size: 1398 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>NM_212556.3</u>
RefSeq Size:	1401 bp
RefSeq ORF:	1401 bp
Locus ID:	401036
UniProt ID:	<u>Q6ZVZ8</u>
Cytogenetics:	2q37.2
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. [provided by RefSeq, Feb 2017]