

Product datasheet for **RG202814**

ASB3 (NM_145863) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | ASB3 (NM_145863) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | ASB3 |
| Synonyms: | ASB-3 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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ORF Nucleotide Sequence:

>RG202814 representing NM_145863
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATTTTACAGAGGCTTACGCGGACACGTGCTCTACAGTTGGACTTGCTGCCAGGGAAGCAATGTTA
 AAGTCTTAAGGAACTGCTCAAAAAGGGCCGAAGTGTGATGTTGCTGATAACAGGGGATGGATGCCAAT
 TCATGAAGCAGCTTATCACAACCTGTAGAATGTTTGAATGTTAATTATGCAGATTCATCTGAAAAAC
 TACATTAAGATGAAGACCTTTGAAGTTTCTGTGCTTTGCATCTCGTGCAGTCAAGGACATTGAAAA
 TCGTACAGATTCTTTAGAAGCTGGGCAGATCCTAATGCAACTACTTTAGAAGAAACGACACCATTGTT
 TTTAGCTGTTGAAAAATGGACAGATAGATGTGTTAAGGCTGTTGCTTCAACACGGAGCAAATGTTAATGGA
 TCCCATTCATGTGTGGATGGAACCTTGCACCAGGCTTCTTTTCAGGAAAATGCTGAGATCATAAAAT
 TGCTTCTTAGAAAAGGAGCAAACAAGGAATGCCAGGATGACTTTGGAATCACACCTTTATTTGTGGCTGC
 TCAGTATGGCAAGCTAGAAAAGCTTGAGCATACTTATTTTCATCGGGTGCAAATGTCAATTGTCAAGCCTTG
 GACAAAGCTACACCTTGTTCATTGCTGCTCAAGAGGGACACAAAAATGTGTGGAGCTTTTGTCTCCA
 GTGGGGCAGATCCTGATCTTTACTGTAATGAGGACAGTTGGCAGTTACCTATTCATGCAGCTGCACAAAT
 GGGCCATACAAAAATCTTGGACTTGTTAATACCACTTACTAACCGGGCCTGTGACTGGCTAAACAAA
 GTAAGCCCTGTTTACTCAGCAGTGTGGGGGACATGAAGATTGCCTAGAAAATATTACTCCGGAATGGCT
 ACAGCCCAGACGCCAGCGTGCCTTGTGTTTGGATTGAGTTCCTGTGTGCATGGCTTTCCAAAAGGA
 CTGTGAGTTCTTTGGAATTGTGAACATCTTTGAAATATGGAGCCCAGATAAATGAACTTCATTTGGCA
 TACTGCCTGAAGTACGAGAAGTTTTCGATATTTGCTACTTTTGGAGAAAGTTGCTCATTGGGACCAT
 GGAACCATATATGAATTTGAAATCATGCAATTAAGCACAAGCAAATAAAGGATGGTTGCCACA
 TCTTCTGTTGCTGGATTTGACCACTGATTCTACTGTGCAATTTGGATTGACTCAGTCAGCATTGAC
 ACCCTTATCTTCACTTTGGAGTTTACTAATTGGAAGACACTTGCACCAGCTGTTGAAAGGATGCTCTCTG
 CTCGTGCCTCAAACGCTTGGATTCTACAGCAACATATTGCCACTGTTCCATCCCTGACCCATCTTTGTGCG
 TTTGAAATTCGGTCCAGTCTAAAATCAGAAGCTCTACGGTCTGACAGTTATATTAGTCAGCTGCCACTT
 CCCAGAAGCCTACATAATTATTTGCTCTATGAAGACGTTCTGAGGATGTATGAAGTTCAGAACTGGCAG
 CTATTCAGATGGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG202814 representing NM_145863
 Red=Cloning site Green=Tags(s)

MDFTEAYADTCSTVGLAAREGNVLRKLLKGRSVDVADNRGWMPIDHEAAYHNSVECLQMLINADSSSEN
 YIKMKTFEGFCALHLAASQGHKIVQILLEAGADPNATLEETPLFLAVENGQIDVLRLLLQHGANVNG
 SHSMCGWNSLHQASFQENAEIILKLLRKGANKECQDDFGITPLFVAAQYKLESLSILISSGANVNCQAL
 DKATPLFIAAQEGHTKCVELLLSSGADPDLYCNEDSWQLPIHAAAQMGHTKILDLLIPLTNRACDTGLNK
 VSPVYSAVFGGHEDCLEILLRNGYSPDAQCLVFGFSSPVCMAFQKDCFFGIVNILLKYGAQINELHLA
 YCLKYEKFSIFRYFLRKGCSLGPWNHIEYFVNHAIKAQAKYKEWLPHELLVAGFDPLILLCNSWIDSYSID
 TLIFTLEFTNWKTLAPAVRML SARASNAWILQQHIATVPSLTHLCRLEIRSSLKSERLRSDSYISQLPL
 PRSLHNYLLYEDVLRMYEVEPELAAIQDG

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_145863

ORF Size: 1554 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_145863.1](#), [NP_665862.1](#)

RefSeq Size: 2005 bp

RefSeq ORF: 1338 bp

Locus ID: 51130

UniProt ID: [Q9Y575](#)

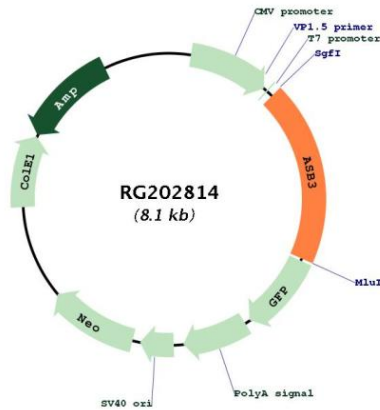
Cytogenetics: 2p16.2

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 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. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jan 2011]

Product images:



Circular map for RG202814