

Product datasheet for **RG201716**

ASB8 (NM_024095) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB8 (NM_024095) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ASB8
Synonyms:	PP14212
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG201716 representing NM_024095 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGTTCAGTATGTGGTATATTATGCAGAGCATTTCAGAGCAAATACTCTCTCTCCGAGCGCTTAATCC
GAACAATTGCTGCCATCCGTTCCCTCCACATGATAATGTAGAGGACCTCATCAGAGGGGAGCAGATGT
GAACTGCACTCATGGCACACTGAAGCCCTTGCCTGTGCCTGTATGGTGTGAGATGCTGACTGTGTGGAG
TTACTTCTGGAAAAGGAGCCGAGGTGAATGCCCTGGATGGGTATAACCGAACAGCCCTCCACTATGCAG
CAGAGAAAGATGAGGCTTGTGTGGAGTCTATTGGAGTATGGTGCAAACCCCAATGCTTTGGATGGCAA
CAGAGATACCCCACTTCACTGGGCAGCCTTTAAGAACAATGCTGAGTGTGTGCGGCTCTCTAGAGAGC
GGGCCTCTGTCAATGCCCTGGATTACAACAATGATACACCGCTCAGCTGGGCTGCCATGAAGGAAATC
TTGAGAGTGTGAGCATCCTTCTGGATTATGGCGCAGAGGTGAGATCATCAACCTAATAGCCAGACACC
CATCTCCCGCCTGGTGGCTCTGCTAGTCAGGGGACTTGGAAACAGAGAAAGAGGACTCTTGCTTTGAGCTC
CTCCACAGAGCTGTTGGACACTTTGAATTGAGGAAAAATGGCACCATGCCACGAGAGGTGGCCAGAGACC
CGCAGCTATGTGAAAACTGACTGTTCTGTGCTCAGCTCCAGGAACCTAAAAAACTCGCTCGCTATGC
CGTGCCCGTAGCCTGGGACTCCAGTATCTCCCGATGCAGTGAAGGGCCTTCCACTGCCAGCTTCTTTG
AAGGAATACCTGTTACTTTTAGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG201716 representing NM_024095
Red=Cloning site Green=Tags(s)

MSSSMWYIMQSIQSKYLSERLIRTIAAIRSFPHDNVEDLIRGGADVNCTHGLKPLHCACMVSDADCVE
 LLLLEKGAEVNLDGYNRTALHYAAEKDEACVEVLLLEYGANPNALDGNRDTPLHWAAFKNNAEVRRALLES
 GASVNALDYNNDTPLSWAAMKGNLESVSIILLDYGAEVVRVINLIGQTPISRLVALLVRGLGTEKEDSCFEL
 LHRAVGHFELRKNGTMPREVARDPQLCEKLTVLC SAPGTLKTLARYAVRRSLGLQYLPDAVKGLPLPASL
 KEYLLLLLE

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024095

ORF Size: 864 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_024095.5](#)

RefSeq Size: 2629 bp

RefSeq ORF: 867 bp

Locus ID: 140461

UniProt ID: [Q9H765](#)

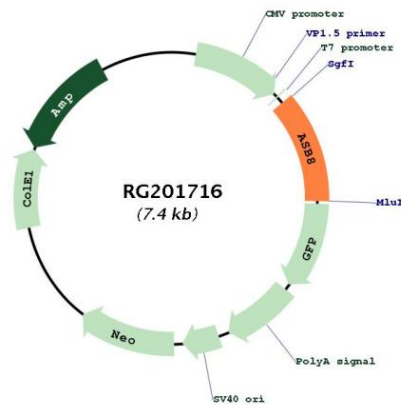
Cytogenetics: 12q13.11

Domains: ANK

Protein Families: Druggable Genome

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 RG201716