

Product datasheet for **MG208423**

Asb3 (NM_023906) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asb3 (NM_023906) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Asb3
Synonyms:	2400011J03Rik; 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:

>MG208423 representing NM_023906
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATTTTACAGAGGCTTACTCAGACAGTGTTCTACGGTTGGACTTGCTGCCAGAGAAGCAATGTTA
 AAATTCTAAGGAAATTGCTCAAAAAAGGCCGAAGTGTGGATGTCGCTGATAACAGGGGATGGATGCCGAT
 TCATGAAGCAGCTTATCACAAATGCTGTAGAGTGTTCAGATGCTAATTCATACAGATTCATCTGAAAAAC
 TACATTAAGGCAAAGACGTTTGAGGGCTTCTGTGCATTGCATCTTGCTGTGAGTCAAGGACATTGAAAA
 TCACACAGATTCTTTGGAAGCTGGAGCTGATCCTAATGAAACCCTTTAGAAGAACTACACCATTGTT
 TTTAGCTGTTGAAAGTGGACGGATAGATGTATTAAGCTGTTGCTTCAACATGGAGCAAATGCAATGGA
 TCCCATCTATGAGTGGATGGAATTCCTTGACCAGGCTTCTTCCAGGGAAATGCTGAGACTATAAAAT
 TGCTTCTTAAACAAGGAGCAGACAGAGAATGCCAAGATGACTTTGGAATCACACCTCTGTTTGGCTGC
 TCAGTATGGGAAGCTAGAGAGCATGAGCATACTTATTTTCATCTGGTGCAAATGTCAATTGCCAAGCCTTG
 GATAAAGCTACTCTTTGTTTATTGCTGCACAAGAGGGTCATACAAAATGTGTGCAACTTTTGTGTCCA
 GTGGGGCGGATCCTGACCTTTATTGTAATGAAGACAATTGGCAATTACCTATTATGCTGCTGCACAAAAT
 GGGCCATACAGAGACCTTGGACTTGTTAATACCACGTAACACGGGCTTGTGACTGGACCAGACAAA
 GTGAGCCCTGTTTATTCTGCAGTGTGGAGGACGGGAAGAGTGCCTGGAATGTTACTGCAAGATGGCT
 ATAGCCCAGATGCACAAATGTGCTTGGTATTGGATTGAGTCCCTCTGTGCATGGCTTTCCAAAAGGA
 CTGTGATTTTTCTGGAATTGTGAATATTCTTTGAAGTATGGAGCCCAGTTAAATGAACTCACTTGGCA
 TACTGCCTCAAGTATGAGAAGTTTTCAATGTTTGTCTTTTTTGAAGAAAGTTCCTGATGGTACCTT
 GGAATCATACATCTGAATTCATAAGTTATGCAGTTAAAGCACAACAAAATACAAGGCATGGTTGCCACA
 TCTCTGCTTGTGGATTTGACCAATTGATTCTGCTGTGCAGCAGCTCTTGGGTTGATTGATCAGTCAGT
 GACATCCTTATCTTTACTTTGGAATTTCTAATTGGAAGAGACTTCTTTCAGCTGTTGAAAAGATGCTCT
 CTGTTCTGTCAAACCTCTCTTGGGCTCTTCAACAACATTTGGCCTCAGTCCAAGCCTAACCCATCTTTG
 TCGTTTGGAAATTCGGGCCAGTCTAAAAGCAGAGCACCTTCACTCTGACATTTTCATCCATCAGTTGCCA
 CTTCCAGAACTGCAGAACTATTTGCTCTATGAAGAGGTTTTAAGAATGAATGAGATTCTAGAACCAG
 CAGCTAATCAGGATGGAGAAACCAGTAAGGCCACC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG208423 representing NM_023906
 Red=Cloning site Green=Tags(s)

MDFTEAYSDDTCSTVGLAAREGNVILRKLKKGSRVSDVADNRGWMPIDHEAAYHNAVECLQMLIHTDSSN
 YIKAKTFEGFCALHLAVSQGHWKITQILLEAGADPNETTLEETPLFLAVESGRIDVLKLLQHGANNVNG
 SHMSGWNSLHQASFQNAETIKLLKQADRECQDDFGITPLFVAAQYKLESMSILISSGANVNCQAL
 DKATPLFIAAQEGHTKCVQLLLSSGADPDLYCNEADNWQLPIHAAAQMGHTETLDLLIPRTNRACDTGPK
 VSPVYSAVFGREECLEMLLQNGYSPDAQMCLVFGSSPLCMAFQKDCDFSGIVNILLKYGAQLNELHLA
 YCLKYEKFSMFCFLKKGSLMVPWNHTSEFISYAVKAQTKYKAWLPHLLLAGFDPLILLCSSWVDSVSD
 DILIFTLEFSNWKRLPSAVEKMLSVRANSSWALQQHLASVPSLTHLCRLEIRASLKAHLHSDIFIHQLP
 LPRSLQNYLLYEEVLRMNEILEPAANQDGETSKAT

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_023906
ORF Size:	1575 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_023906.3 , NP_076395.2
RefSeq Size:	3225 bp
RefSeq ORF:	1578 bp
Locus ID:	65257
UniProt ID:	Q9WV72
Cytogenetics:	11 18.19 cM
Gene Summary:	Probable 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. Recognizes TNFRSF1B (By similarity). [UniProtKB/Swiss-Prot Function]