

Product datasheet for **MR208423**

Asb3 (NM_023906) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asb3 (NM_023906) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Asb3
Synonyms:	2400011J03Rik; Asb-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208423 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGATTTTACAGAGGCTTACTCAGACAGTGTTCTACGGTTGGACTTGCTGCCAGAGAAGCAATGTTA
 AAATTCTAAGGAAATGCTCAAAAAAGGCCGAAGTGTGGATGTCGCTGATAACAGGGGATGGATGCCGAT
 TCATGAAGCAGCTTATCACAAATGCTGTAGAGTGTTCAGATGCTAATTCATACAGATTCATCTGAAAAAC
 TACATTAAGGCAAAGACGTTTGGAGGCTTCTGTGCATTGCATCTTGCTGTGAGTCAAGGACATTGAAAA
 TCACACAGATTCTTTGGAAGCTGGAGCTGATCCTAATGAAACCCTTTAGAAGAACTACACCATTGTT
 TTTAGCTGTTGAAAGTGGACGGATAGATGTATTAAGCTGTTGCTTCAACATGGAGCAAATGTCAATGGA
 TCCCATCTATGAGTGGATGGAATTCCTGCACCAGGCTCTTTCCAGGGAAATGCTGAGACTATAAAAT
 TGCTTCTTAAACAAGGAGCAGACAGAGAATGCCAAGATGACTTTGGAATCACACCTCTGTTTGGCTGC
 TCAGTATGGGAAGCTAGAGAGCATGAGCATACTTATTTTCATCTGGTGCAAATGTCAATTGCCAAGCCTTG
 GATAAAGCTACTCTTTGTTTATTGCTGCACAAGAGGGTCATACAAAATGTGTGCAACTTTTGTGTCCA
 GTGGGGCGGATCCTGACCTTTATTGTAATGAAGACAATTGGCAATTACCTATTATGCTGCTGCACAAAAT
 GGGCCATACAGAGACCTTGGACTTGTTAATACCACGTAACACGGGCTTGTGACTGGACCAGACAAA
 GTGAGCCCTGTTTATTCTGCAGTGTGGAGGACGGGAAGAGTGCCTGGAAATGTTACTGCAAGATGGCT
 ATAGCCCAGATGCACAAATGTGCTTGGTATTGGATTGAGTCCCTCTGTGCATGGCTTTCCAAAAGGA
 CTGTGATTTTTCTGGAATGTGAATATCTTTTGAAGTATGGAGCCCAGTTAAATGAACTTCACTTGGCA
 TACTGCCTCAAGTATGAGAAGTTTTCAATGTTTGTCTTTTTTGAAGAAAAGTTCCCTGATGGTACCTT
 GGAATCATACATCTGAATTCATAAGTTATGCAGTTAAAGCACAACAAAATACAAGGCATGGTTGCCACA
 TCTCTGCTTGCTGGATTTGACCAATTGATTCTGCTGTGCAGCAGCTCTTGGGTTGATTGAGTCAAGTCA
 GACATCCTTATCTTTACTTTGGAATTTCTAATTGGAAGAGACTTCTTCAAGCTGTTGAAAAGATGCTCT
 CTGTTCTGTCAAACCTCTTGGGCTCTTCAACAACATTTGGCCTCAGTCCAAGCCTAACCCATCTTTG
 TCGTTTGGAAATTCGGGCCAGTCTAAAAGCAGAGCACCTTCACTGACATTTTCATCCATCAGTTGCCA
 CTTCCAGAAAGTCTGCAGAACTATTTGCTCTATGAAGAGGTTTTAAGAATGAATGAGATTCTAGAACCAG
 CAGCTAATCAGGATGGAGAAACAGTAAGGCCACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208423 protein sequence
 Red=Cloning site Green=Tags(s)

MDFTEAYS DTCSTVGLAAREGNVKILRKLKKGSRVSDVADNRGWMPIHEAAYHNAVECLQMLIHTDSSSE
 YIKAKTFEGFCALHLAVSQGHWKITQILLEAGADPNETTLEETPLFLAVESGRIDVLKLLQHGANNVNG
 SHSMSGWNLSHQASFQGNAETIKLLKQGADRECQDDFGITPLFVAAQYKLESMSILISSGANVNCQAL
 DKATPLFIAAQEGHTKCVQLLLSSGADPDLYCNEDNWQLPIHAAAQMGHTETLDLLIPRTRACDTPGDK
 VSPVYSAVFGGEECLEMLLQNGYSPDAQMCLVFGFSSPLCMFAFKDCDFSGIVNILLKYGAQLNELHLA
 YCLKYEKFSMFCSFLKKGSLMVPWNHTSEFISYAVKAQTKYKAWLPHLLLAGFDPLILLCSSSWVDSVSD
 DILIFTLEFSNWKRLPSAVEKMLSVRANSSWALQOHLASVPSLTHLCLREIRASLKAHLHSDIFIHQLP
 LPRSLQNYLLYEEVLRMNEILEPAANQDGETSKAT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_023906

ORF Size: 1578 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_023906.1](#), [NM_023906.2](#), [NM_023906.3](#), [NP_076395.2](#)

RefSeq Size: 3225 bp

RefSeq ORF: 1578 bp

Locus ID: 65257

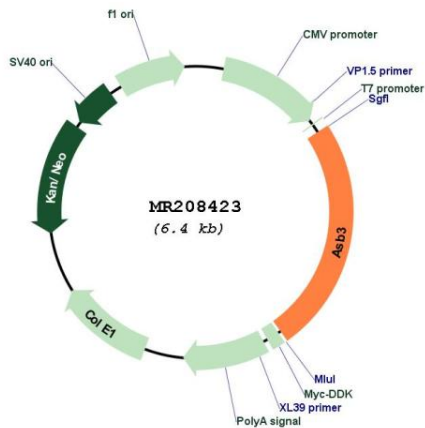
UniProt ID: [Q9WW72](#)

Cytogenetics: 11 18.19 cM

MW: 58.3 kDa

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]

Product images:



Circular map for MR208423