

Product datasheet for **MR228954**

Asb13 (NM_178283) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Asb13 (NM_178283) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Asb13
Synonyms: 2210015B19Rik; 6430573K02Rik; Asb-13; C85285
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR228954 representing NM_178283
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGCCGCGCCGGGGACGGCTGCTTCTGGGAGATGTGGGTTTCTGGGTGGAGCGCACGCCCGTTC
ATGAGGCGGCTCAGCGGGTGAGAGCCTCCAGCTTCAGCAGCTGATTGACAGTGGAGCATGTGTTAACCA
GGTCACTGTGGACTCGATCACACCCTTCATGCAGCAAGTCTGCAGGGCCAGGCCAGTGTGTGCAGCTG
CTGCTAGCAGCTGGTGCCAGGTGGACGCACGCAACATTGACGGCAGCACCCCTCTTTGTGATGCCTGTG
CCTCAGGCAGCATTGAGTGTGTGAAGCTTTGCTGTCCTATGGGGCGAAAGTCAACCCTCCTTTGTACAC
AGCATCCCCGCTACACGAGGCCTGCATGAGTGGGAGTTCTGAATGCGTGAGGCTTCTTATTGATGTTGGG
GCCAACCTGGAAGCCACGATTGCCATTTTGGGACGCCTTACATGTTGCCTGTGCCCGGGAGCATTGG
ACTGTGTCAAAGTGTGCTCAATGCAGGGGCAATGTGAACGCAGCCAACTTCATGAGACTGCGCTTCA
TCATGCAGCCAAGGTAAGAAGCCTTACCTCATCGAGATGCTCATAGAGTTTGGAGGCAACATCTATGCC
CGGGACAACCGGGCAAGAAGCCCTCGGACTACACGTGGAGCAGCAGCGCCCGGCAAGTGTCTTGAGT
ACTATGAAAAGACACCTTTAGCCTCTCCAGCTCTGCAGGTGAGCCTGAGGAAGGCCACCGGTGTCGG
AGGACTAGAGAAAGTCGCCAAGTTGAACATCCCTCCCCGGCTCATCGACTACCTTTCCTACAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR228954 representing NM_178283
Red=Cloning site Green=Tags(s)

MEPRAGDGCFLGDVGFVVERTPVEAAQRGESLQLQQLIDSGACVNQVTVDSTITPLHAASLQGQAQCQVQL
 LLAAGAQVDARNIDGSTPLCDACASGSIECVKLLL SYGAKVNPPLYTASPLHEACMSGSECVRLIDVG
 ANLEAHDCHFGLPLHVACAREHLDCVKVLLNAGANVNAAKLHETALHHAQVKNVDLIEMLIEFGGNIYA
 RDNRGKKPSDYTWSSSAPAKCFEYYEKTPLSLSQLCRVSLRKATGVRGLEKVAKLNIPRLIDYLSYN

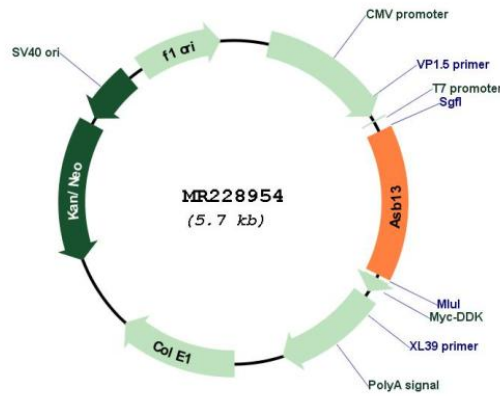
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_178283

ORF Size: 834 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_178283.4 , NP_840068.1
RefSeq Size:	2410 bp
RefSeq ORF:	837 bp
Locus ID:	142688
UniProt ID:	Q8VBX0
Cytogenetics:	13 A1
MW:	30.3 kDa
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]