

Product datasheet for **MC205507**

Xab2 (NM_026156) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xab2 (NM_026156) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Xab2
Synonyms:	0610041O14Rik; AV025587
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021341
 CCACGCGTCCGGGAAAATGGTGGTATGGCGCGAGTTCGCGGTTCCGAGCGGCCGGACCTTGTTTTTGGAG
 GAAGAGGACCTTCCCTATGAGGAAGAAATCATGAGGAACCAAGTTCCTCGTCAAATGCTGGCTCCGCTACA
 TCGAGTTCAAACAGGGGGCCCCAAGCCCCGACTCAACCAGTTGTATGAGCGGGCACTCAAACCTGCTTCC
 CTGCAGCTACAACTCTGGTACCGCTATCTGAAGGCACCGGGCACAGGTGAAACATCGCTGTGTGACT
 GATCCTGCCTATGAAGATGTCAACAACATGCCATGAGAGGGCCTTTGTGTTTCATGCACAAGATGCCACGCC
 TGTGGTTAGACTACTGCCAGTTTCTCATGGACCAGGGAAGGGTAACACATACCCGCCGACCTTTGACCCG
 TGCCCTCAGGGCACTGCCCATCACACAACACTCTCGCATCTGGCCCTGTATCTACGTTTTCTGCGCTCC
 CACCCACTGCCTGAGACTGCTGTGCGAGGCTACCGTTCGCTTCTCAAGCTGAGTCTGAGAGCGCTGAGG
 AATACATCGAGTATCTCAAATCCAGTGACCGGCTAGACGAGGCTGCACAGCGCCTGGCCACCGTGGTCAA
 TGATGAGCGCTTTGTATCCAAGGCTGGTAAATCCAACCTACCAGCTGTGGCAGGAGCTGTGTGACCTTATC
 TCCCAGAATCCGGACAAGGTACAGTCTCTCAATGTGGATGCCATAATCCGTGGTGGGCTCACCCGTTTCA
 CTGACCAGCTGGCAAGCTGTGGTGTCTTTGGCAGACTACTATATCCGAGTGGCCACTTCGAAAAGGC
 TCGGGATGTGTATGAGGAGGCTATCCGCACGGTATGACCGTGGGGACTTCACCCAGGTGTTGACAGC
 TACGCCAGTTTGGAGAGCATGATTGCAGCGAAGATGGAGACTGCCTCTGAAGTGGGGCGTGAGGAGG
 AGGACGATGTGGACCTAGAGCTGCGCCTGGCCCGTTCGAACAGCTCATAGCCGACGGCCCTGCTTCT
 CAATAGCGTCTTCTGCGCCAGAACCCACACCAGTCCACGAGTGGCACAAAGCGTGTAGCCCTCCATCAG
 GGCCGCCCTCGGGAGATTATCAACACATACACAGAGGCTGTGAAACAGTAGACCCCTTCAAAGCCACAG
 GCAAGCCCCACACTGTGGGTTGCATTCGCCAAGTTTACGAAGACAATGGACAGCTGGATGATGCTCG
 TGTCTCTAGAGAAGGCCACCAAGGTGAACCTCAAGCAGGTGGATGACCTTGAAGTGTGTGGTGGCCAG
 TGTGGGGAGCTAGAGCTCAGGCACGAGAATTACGACGAGGCTTAAAGCTGCTGCGGAAAGCCACGGCTT
 TGCTGCGCCCGCAGCTGAGTACTTTGATGGTTCAAGACCTGTGCAGAACCGTGTATATAAGTCGCTGAA
 GGTGGTCCATGCTTGGCAGCTTGGAGGAAAGCCTGGGCACTTCCAGTCAACCAAGCCGTGTATGAC
 CGAATCCTGGACCTGCGCATAGCCACGCCACAGATCGTTATTAACATATGCCATGTTCTTGAGGAGCACA
 AGTACTTTGAGGAGAGCTTCAAGGCATATGAGCGTGGCATCTCACTGTTCAAGTGGCCCAATGTTTCAGA
 CATCTGGAGCACCTACCTGACCAAATTCATCTCGCGCTATGGGGGCCGAAAGCTGGAGCGTGCACGGGAT
 CTCTTTGAGCAGGCACTCGATGGCTGCCACCAAATATGCCAAGACTTATACTGCTCTACGCACAGC
 TGGAGGAGGAGTGGGGCCTTGGCCGCTATGCCATGGCTGTGTATGACCGTGGCAGGAGGAGTGGAGCC
 AGCACAGCAGTACGACATGTTTAAACATCTACATCAAGCGAGCTGCTGAGATCTATGGCGTCAACCCACT
 CGTGGCATCTACCAGAAGGCCATTGAGGTGCTGTCTGATGAGCATGCCCCGTGAGATGTGCTGCGGTTTG
 CAGACATGGAGTCAAGCTCGGTGAAATCGACCGACCCGGGCCATCTACAGCTTCTGCTCCAGATCTG
 TGATCCCCGGACAACCTGGGGCATTCTGGCAAACATGGAAGGACTTTGAGGTCCGGCAGCGCAATGAGGAT
 ACCATCAGGGAGATGCTGAGGATACGGCGGAGTGTGCAGGCCACATACAATACTCAGGTCAACTTATGG
 CTTACAGATGCTCAAGGTGTGGGCGAGTGCCACAGGCACCGTGTCTGACCTGGCTCCTGGGCAGAGTGG
 CATGGATGACATGAAGCTGCTGGAACAGAGAGCAGAACAGCTGGCAGCTGAGCGGGAGCGGGACAGCCC
 CCCAGGGCCCAGAGCAAGATCTTCTTTGTGAGGAGTGTGCATCCAGGGAGGAATTGGCAGAGCTGGCTC
 AGCAGGCCAACCTGAGGAGATCCAGCTGGGCGAGGATGAGGACGAGGACGAGATGGACCTGGAGCCCAA
 TGAAGTCCGACTGGAACAGCAGAGTGTACCAGCTGCTGTGTTCCGGAGCCTAAAGGAAGACTGACTCCCT
 CCACACTTTTTCTCCATGGTCACTCCCCATAACTACCTTCTAATACATCCCCCTTTTGTAAAAAAA
 AA

Restriction Sites: RsrII-NotI
ACCN: NM_026156
Insert Size: 2568 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:	<u>BC021341</u> , <u>AAH21341</u>
RefSeq Size:	2705 bp
RefSeq ORF:	2568 bp
Locus ID:	67439
UniProt ID:	<u>Q9DCD2</u>
Cytogenetics:	8 1.92 cM
Gene Summary:	Involved in pre-mRNA splicing as component of the spliceosome. Involved in transcription-coupled repair (TCR), transcription and pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]