

Product datasheet for **SC319216**

XAB2 (NM_020196) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	XAB2 (NM_020196) Human Untagged Clone
Tag:	Tag Free
Symbol:	XAB2
Synonyms:	HCNP; HCRN; NTC90; SYF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_020196.2
 CCAGAAAATGGTGGTATGGCGCGACTCTCGCGGCCCGAGCGGCCGACCTTGTCTTCG
 AGGAAGAGGACCTCCCCTATGAGGAGGAAATCATGCGGAACCAATTCTCTGTCAAATGCT
 GGCTTCGCTACATCGAGTTCAAACAGGGCGCCCGAAGCCAGGCTCAATCAGCTATACG
 AGCGGGCACTCAAGCTGCTGCCCTGCAGCTACAACTCTGGTACCGATACCTGAAGGCGC
 GTCGGGCACAGGTGAAGCATCGCTGTGTGACCGACCCTGCCTATGAAGATGTCAACAAT
 GTCATGAGAGGGCCTTTGTGTTTCATGCACAAGATGCCTCGTCTGTGGCTAGATTGCC
 AGTTCCTCATGGACCAGGGCGCGTACACACACCCGCCGACCTTCGACCGTGCCTCC
 GGGCACTGCCATCACGCAGCACTCTCGAATTTGGCCCTGTATCTGCGCTTCTGCGCT
 CACACCCACTGCCTGAGACAGCTGTGCGAGGCTATCGGCGCTTCCCAAGCTGAGTCTG
 AGAGTGCAGAGGAGTACATTGAGTACCTCAAGTCAAGTACCAGGCTGGATGAGGCCGCC
 AGCGCCTGGCCACCGTGGTGAACGACGAGCGTTTCTGTCTAAGGCCGGCAAGTCCAAT
 ACCAGCTGTGGCACGAGCTGTGCGACCTCATCTCCAGAATCCGGACAAGGTACAGTCCC
 TCAATGTGGACGCCATCATCCGCGGGGGCCTACCCGCTTACCAGACAGCTGGGCAAGC
 TCTGGTGTCTCTCGCCGACTACTACATCCGACGCGGCCATTTGAGAAGGCTCGGGACG
 TGTACGAGGAGGCCATCCGGACAGTGATGACCGTGCGGGACTTACACAGGTGTTTGACA
 GCTACGCCAGTTTCGAGGAGAGCATGATCGCTGCAAAGATGGAGACCGCCTCGGAGCTGG
 GGCGGAGGAGGAGGATGATGTGGACCTGGAGCTGCGCCTGGCCCGCTTCGAGCAGCTCA
 TCAGCCGGCGGCCCTGCTCCTCAACAGCGTCTTGTGCGCAAAAACCCACACCAGTGC
 ACGAGTGGCACAAGCGTGTGCGCCTGCACCAGGGCCGCCCGGGGAGATCATCAACACCT
 ACACAGAGGCTGTGCAGACGGTGGACCCCTTCAAGGCCACAGGCAAGCCCACTCTGT
 GGGTGGCGTTTGGCAAGTTTATGAGGACAACGGACAGCTGGACGATGCCCGTGCATCC
 TGGAGAAAGGCCACCAAGGTGAACCTTCAAGCAGGTGGATGACCTGCAGGCAAGCGTGTG
 AGTGCAGGAGCTGGAGCTCCGACACGAGAAGTACGATGAGGCCCTTGGCGCTGCTGCGAA
 AGGCCACGGCGCTGCCTGCCCGCGGGCGAGTACTTTGATGGTTCAGAGCCCGTGCAGA
 ACCGCGTGTACAAGTCACTGAAGGTCTGGTCCATGCTCGCCGACCTGGAGGAGAGCCTCG
 GCACCTTCCAGTCCACCAAGGCCGTGTACGACCGCATCCTGGACCTGCGTATCGAACAC
 CCCAGATCGTCACTCAACTATGCCATGTTCTGGAGGAGCACAAGTACTTCGAGGAGAGCT
 TCAAGGCGTACGAGCGCGGCATCTCGTGTCAAGTGGCCCAACGTGCCGACATCTGGA
 GCACCTACCTGACCAAATTCATTGCCCGCTATGGGGGCCCAAGCTGGAGCGGGCACGGG
 ACCTGTTTGAACAGGCTCTGGACGGCTGCCCCCAAAAATATGCCAAGACCTTGTACTGCT
 TGTACGCACAGCTGGAGGAGGAGTGGGGCCTGGCCCGCATGCCATGGCCGTGTACGAGC
 GTGCCACCAAGGCCGTGGAGCCCGCCAGCAGTATGACATGTTCAACATCTACATCAAGC
 GGGCGGCCGAGATCTATGGGGTCAACACACCCCGCGCATCTACCAGAAGGCCATTGAGG
 TGCTGTGCGGACGAGCACGCGCGTGTGAGTGTGCCTGCGGTTTGCAGACATGGAGTGAAGC
 TCGGGGAGATTGACCGCGCCCGGCCATCTACAGCTTCTGCTCCCAGATCTGTGACCCCC
 GGACGACCGCGCGTCTTGGCAGACGTGGAAGGACTTTGAGGTCCGGCATGGCAATGAGG
 ACACCATCAAGGAAATGCTGCGTATCCGGCGCAGCGTGCAGGCCACGTACAACACGCAGG
 TCAACTTCATGGCCTCGCAGATGCTCAAGTCTCGGGCAGTGCCACGGGACCGTGTCTG
 ACCTGGCCCTGGGCAGAGTGGCATGGACGACATGAAGTCTGGAACAGCGGGCAGAGC
 AGCTGGCGGCTGAGGCGGAGCGTGACCAGCCCTTGCAGCGCCAGAGCAAGATCCTGTTCCG
 TGAGGAGTGAAGCCTCCCGGGAGGAGCTGGCAGAGCTGGCACAGCAGGTCAACCCCGAGG
 AGATCCAGCTGGGCGAGGACGAGGACGAGGACGAGATGGACCTGGAGCCCAACGAGGTT
 GGCTGGAGCAGCAGAGCGTGCCAGCCGAGTGTGGGAGCCTGAAGGAAGACTGACCCG
 TCCCTCCCCATCCCCCTCCCCACCCCTCCCCAATACAGCTACGTTTGTACATCAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_020196

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_020196.2 , NP_064581.2
RefSeq Size:	2682 bp
RefSeq ORF:	2568 bp
Locus ID:	56949
UniProt ID:	Q9HCS7
Cytogenetics:	19p13.2
Domains:	HAT
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Spliceosome
Gene Summary:	Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28502770, PubMed:28076346). Involved in transcription-coupled repair (TCR), transcription and pre-mRNA splicing (PubMed:10944529, PubMed:17981804). [UniProtKB/Swiss-Prot Function]