

Product datasheet for SC116339

HAX1 (NM_006118) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HAX1 (NM_006118) Human Untagged Clone
Tag:	Tag Free
Symbol:	HAX1
Synonyms:	HCLSBP1; HS1BP1; SCN3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116339 sequence for NM_006118 edited (data generated by NextGen Sequencing)

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ATGAGCCTCTTTGATCTCTTCCGGGCTTTTTCGGCTTCTCGGACCTCGGAGCCACAGA
GATCCCTTTTTGGAGGGATGACTCGAGATGAAGATGATGATGAGGAAGAAGAAGAA
GGGGGCTCATGGGGCCGTGGAAACCAAGTTCCATAGTCCTCAGCACCCCTGAGGAA
TTTGGCTTCGGCTTCAGCTTCAGCCCAGGAGGAGGATACGTTTCCACGATAACTTCGGC
TTTGATGACCTAGTACGAGATTTCAATAGCATCTTCAGCGATATGGGGCCTGGACCTTG
CCTTCCCATCCTCCTGAACTTCCAGGTCCTGAGTCAGAGACACCTGGTGAGAGACTACGG
GAGGGACAGACACTTCGGGACTCAATGCTTAAGTATCCAGATAGTCACCAGCCCAGGATC
TTTGGGGGGTCTTGAGAGTGATGCAAGAAGTGAATCCCCCAACCAGCACCAGACTGG
GGCTCCCAGAGGCCATTTTCATAGTTTGTATGATGTATGGCCTATGGACCCCATCTAGA
ACCAGAGAGGACAATGATCTTGATTTCCAGGTTTCCAGGAGGGTCTTGCCCGTTCTA
CAGCCCCAGCCAAATCCTATTTCAAGAGCATCTCTGTGACCAAGATCACTAAACAGAT
GGGATAGTGGAGGAGCGCCGGACTGTGGTGGACAGTGAGGGCCGGACAGAGACTACAGTA
ACCCGACACGAAGCAGATAGCAGTCCTAGGGGTGATCCAGAATCACCAAGACCTCCAGCC
CTGGATGATGCCTTTCCATCCTGGACTTATTCCTGGGACGTTGGTTCCGGTCCCGGTAG

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Clone variation with respect to NM_006118.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006118 unedited ATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGAATTTCTCACAG GGCTGCGCAGGTTTCCCCGTCTGCAATGGACCACTGGAGGGTTCAAAGGTTCCGCGTC CCAGTACGGGAATGAGCCTCTTTGATCTTCCGGGGCTTTTTCGGCTTCTGGACCTC GGAGCCACAGAGATCCCTTTTTGGAGGGATGACTCGAGATGAAGATGATGATGAGGAAG AAGAAGAAGAAGGGGGCTCATGGGGCCGTGGGAACCAAGGTTCCATAGTCTCAGCACC CCCCTGAGGAATTTGGCTTCGGCTTCAGCTTCAGCCCAGGAGGAGGATACGTTTCCAG ATAACTTCGGCTTTGATGACCTAGTACGAGATTTCAATAGCATCTTCAGCGATATGGGG CCTGGACCTTGCCTTCCATCCTCCTGAACTTCCAGGTCCTGAGTCAGAGACACCTGGTG AGAGACTACGGGAGGGACAGACACTTCGGGACTCAATGCTTAAGTATCCAGATAGTCACC AGCCCAGGATCTTTGGGGGGTCTTGGAGAGTGATGCAAGAAGTGAATCCCCCAACCAG CACCAGACTGGGGCTCCCAGAGGCCATTCATAGGTTTGTATGATGATGGCCTATGGACC CCCATCTAGAACCAGAGAGGACANTGATCTTGATTCCAGGTTTTCCAGGAGGGTCTTG GCCCGTTCTACAGCCCCAGCCAAATCCTATTTCAAGAGCATCTCTGTGACCAAGATCA CTAACCAGATGGGATAGTGGAGGAGCGCCGACTGTGGTTNACAGTTGAGGCCGGACAA GACTCAGTAACCCGACACGAGCAGATAC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006118 unedited GGCCGCAATTTANAGTCGAGNTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAATA AAGTTTTATTGGTCAGTTTGGGTGAGTGACAACTGACATGGCCCCAGTTCACTATTCC ACATATCCAAGCCCTGAGGTGGCAAGAGAAGCTAAGCTTATTAATGGTGGGCAATGGGT GAAAGGTGAAAGGACTTGAAGGCCTCTGAGGGTTAACAAGGCTACCGGGACCGGAACCA ACGTCCCAGGAATAAGTCCAGGATGGAAAAGGCATCATCCAGGGCTGGAGTCTTGGTGA TTCTGGATCACCCCTAGGACTGCTATCTGCTTCGTGTCGGGTTACTGTAGTCTCTGTCCG GCCCTCACTGTCCACCACAGTCCGGCGCTCCTCCACTATCCCATCTGGTTTAGTGATCTT GGTACAGAGATGCTCTTGAAATAGGATTTGGGCTGGGGCTGTACAACCGGCCAAGACC CTCCTGGGAAACCTGGGAATCAAGATCATTGTCCTCTCTGCGTCTAGGATGGGGTCCAT AGGCCATACCTTATCAAACCTATGAAATGGCCTCTGGGACCCCACTCTGGCGCTGGTTGG GGGGATCACCTTTTGCATCACTCTCCAAGACCCCCAAAAATCCTGGGGCTGCGACTAT TTGGACTTAAACCCTTGGGTCCCAAGCGGCTGCCCTTCCCCGATCCCCTCACCAGG TGCCCCGCTCAGCCCTCCACATCTCCGAGGATGGGAAGGCAAGTCCAGCCCCATCT TCTCAACATCCTTCTGAAACCTCCTCCATGTCCATCACCGCCCGCCTTCGGGGAAACC GTCCCCCTTCTCCGGGCGTTAAACTTGACCCTAACCTCATCCTCCACGCGGGGGCCGCA GATTGTTTCATCTTCGGTCCCCTGACACTTAGACCCCCCTTTTTTTTCTCCCTCCAC CCTTTTNTGTCCGCGNTCCCCCAGACGGCACTCTGGGT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_006118
Insert Size:	1090 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>NM_006118.3, NP_006109.2</u>
RefSeq Size:	1196 bp
RefSeq ORF:	840 bp
Locus ID:	10456
UniProt ID:	<u>O00165</u>
Cytogenetics:	1q21.3
Gene Summary:	<p>The protein encoded by this gene is known to associate with hematopoietic cell-specific Lyn substrate 1, a substrate of Src family tyrosine kinases. It also interacts with the product of the polycystic kidney disease 2 gene, mutations in which are associated with autosomal-dominant polycystic kidney disease, and with the F-actin-binding protein, cortactin. It was earlier thought that this gene product is mainly localized in the mitochondria, however, recent studies indicate it to be localized in the cell body. Mutations in this gene result in autosomal recessive severe congenital neutropenia, also known as Kostmann disease. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).</p>