

Product datasheet for RC223993

HAX1 (NM_001018837) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HAX1 (NM_001018837) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HAX1
Synonyms:	HCLSBP1; HS1BP1; SCN3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC223993 representing NM_001018837 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCCTCTTTGATCTCTTCCGGGGCTTTTTCCGGCTTTCCTGGACCTCGGAGCTTCAGCCAGGAGGAG
GGATACGTTTCCACGATAACTTCGGCTTTGATGACCTAGTACGAGATTTCAATAGCATCTTCAGCGATAT
GGGGGCTGGACCTTGCCTTCCCATCCTCCTGAACCTCCAGGTCCTGAGTCAGAGACACCTGGTGAGAGA
CTACGGGAGGGACAGACACTTCGGGACTCAATGCTTAAGTATCCAGATAGTCACCAGCCAGGATCTTTG
GGGGGTCTTGGAGAGTGATGCAAGAAGTGAATCCCCCAACCAGCACCAGACTGGGGCTCCAGAGGCC
ATTTTCATAGGTTTGATGATGATGGCCTATGGACCCCATCCTAGAACCCAGAGAGACAATGATCTTGAT
TCCAGGTTTCCAGGAGGGTCTTGCCCGGTTCTACAGCCCAAGCCAAATCCTATTTCAAGAGCATCT
CTGTGACCAAGATCACTAAACCAGATGGGATAGTGGAGGAGCGCCGGACTGTGGTGGACAGTGAGGGCCG
GACAGAGACTACAGTAACCCGACACGAAGCAGATAGCAGTCTAGGGGTGATCCAGAATCACCAAGACCT
CCAGCCCTGGATGATGCCTTTCCATCCTGGACTTATTCTGGGACGTTGGTCCGGTCCCGG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001018837.2](#)

RefSeq Size: 1052 bp

RefSeq ORF: 696 bp

Locus ID: 10456

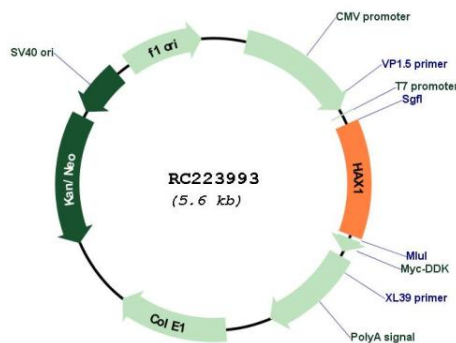
UniProt ID: [O00165](#)

Cytogenetics: 1q21.3

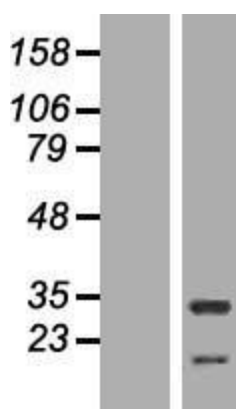
MW: 25.9 kDa

Gene Summary: 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]

Product images:



Circular map for RC223993



Western blot validation of overexpression lysate (Cat# [LY422672]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC223993 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).