

Product datasheet for **RR207453**

Hax1 (NM_181627) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hax1 (NM_181627) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hax1
Synonyms: HAX-1; Hs1bp1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR207453 representing NM_181627
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGCGTCTTTGATCTTTCCGAGGCTTTTTCGGCTTCCCTGGACCTCGGAGCCACAGAGATCCTTTT
TTGGAGGGATGACTCGAGATGATGACGATGATGAAGACGACGAAGAGGAGGAAGACAGTGGTGCGTGGGG
TCGAGAGAGCTATGCGTTTGGATGTTTCCACCCTACAGAGGAATTCGGTTTCAGCTTCAGCCCCAGAGGA
GGGATGCGATTCCATGGCAACTTTGGCTTTGATGATCTAGTTCGAGATTTAATAGCATCTTCAGCGAGA
TGGGGGCTGGACCTTGCCTTCCCACTCTCCTGAACCTCCAGGTCCTGAGTCAGAAAACCTGGTGTGAG
ATTGCGAGAGGGGCGAGCACTTCGTGACTCAATGCTTAAGTACCCAGATAGTCACCAACCCAGGATCTTT
GAGGGGTCTTGGAGAGTCATGCAAACTGAATCCTCCAACCCAGCTCCAGATTGGGGTCCCAGGGAC
CTTTTCATAGGTTGGATGATACATGGCCTGTGAGTCCCCATTCTAGAGCCAGAGAGGACAAGGATCTTGA
CTCCCAGGTTTCCAGGAAGGTCTGGGTCCACTTCTTCAACCCAGCCTAAATCCTATTTCAAAGCATC
TCTGTGACCAAGATCACTAAGCCAGATGGGACAGTGGAGAACACCGCACTGTGGTGGACAGTGAAGGCC
GGAGAGAGACCACAGTGACCCATCAAGAAGCCATGACAGTTCAGAAAGTATCCAGATCCTCAAGATC
TTCAGCTTTGGATGATCCCTTTTCCATCCTGGACCTGCTTCTAGGACGTTGGTTTCGGTCCCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR207453 representing NM_181627
 Red=Cloning site Green=Tags(s)

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MSVFDLFRGFFGFGPGRSHRDPFFGGMTRDDDDDEDEEEEDSGAWGRESYAFDGFHPTEEFGFSFSPRG
GMRFHGNFGFDDLVRDFNSIFSEMGAWLTPSHSPELPGPESETPGVRLREGQTLRDSMLKYPDSHQPRIF
EGVLESHAKPESSKPAPDWGSQGFHRLDDTWPVSPHSRAREDKDLDSQVSQEGLGPLLQPQKSYFKSI
SVTKITKPDGTVEEHRTVVDSEGRRETTVTHQEAHDSRSRDPDPPRSSALDDPFILDLLLGRWFRSR
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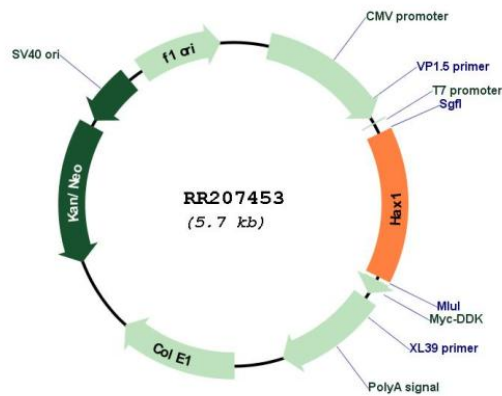
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_181627
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_181627.2 , NP_853658.1
RefSeq Size:	1096 bp
RefSeq ORF:	837 bp
Locus ID:	291202
UniProt ID:	Q7TSE9
Cytogenetics:	2q34
MW:	31.4 kDa
Gene Summary:	protein that may bind to bile salt export protein and may regulate its abundance in membranes [RGD, Feb 2006]