

Product datasheet for **SC321626**

Hex (HHEX) (NM_002729) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hex (HHEX) (NM_002729) Human Untagged Clone
Tag:	Tag Free
Symbol:	Hex
Synonyms:	HEX; HMPH; HOX11L-PEN; PRH; PRHX
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_002729.4
 GGGGAGCTCTGCGAGGGGCCGGAGCGCGGAGCCATGCAGTACCCGCACCCCGGGCCG
 GCGGCGGGCGCCGTGGGGGTGCCGCTGTACGCGCCACGCCGCTGCTGCAACCCGCACAC
 CCGACGCCCTTTACATCGAGGACATCCTGGGCCGCGGGCCCGCGCCACGCCCGCC
 CCCACGCTGCCGTCCCCAACTCCTCCTCACCAGCCTCGTGTCCCCCTACCGGACCCCG
 GTGTACGAGCCCACGCCGATCCATCCAGCCTTCTCGCACCCTCCGCCGCGCGTGGCC
 GCTGCCACGGACCCGGCGGCTTCGGGGGCCCTCTGTACCCTTCCCGCGGACGGTGAAC
 GACTACACGCACGCCCTGCTCCGCCACGACCCCTGGGCAAACTCTACTCTGGAGCCCC
 TTCTTGCAGAGGCTCTGCATAAAAGGAAAGGCGGCCAGGTGAGATTCTCCAACGACCAG
 ACCATCGAGCTGGAGAAGAAATTCGAGACGCAGAAATATCTCTCTCCGCCGAGAGGAAG
 CGTCTGGCAAGATGCTGCAGCTCAGCGAGAGACAGGTCAAACTGGTTTCAGAATCGA
 CGCGCTAAATGGAGGAGACTAAACAGGAGAACCCTCAAAGCAATAAAAAAGAAGAACTG
 GAAAGTTTGGACAGTTCCTGTGATCAGAGGCAAGATTTGCCAGTGAACAGAATAAAGGT
 GCTTCTTTGGATAGCTCTCAATGTTCCGCCCTCCCTGCCTCCCAGGAAGACCTTGAATCA
 GAGATTTAGAGGATTCTGATCAGGAAGTGACATTGAGGGCGATAAAAGCTATTTTAAT
 GCTGGATGATGACCACTGGCATTGGCATGTTAGAAAAGTGGATTAGGAATAATGTTTT
 GCTACAGAAAATCTTCATAGAAGAACTGGAAGGCTATATAAGAAAAGGAAATCAATTCTCT
 GGTATTCTGGAACCTAAAAATATTTGGTGCACCTGCTCAATTAACAACTACATGGAGA
 CCTTAATTTTGAACCTAAACAAATAGTTTATGTACTGCTCTTAGGTTGTTTTGATAAAGTGA
 CATTATAGTGATTAATTTCTCCCCCTTAAAAAACAGTTAGTGGTTTTCACTATTTAT
 AAAAAATTAATTTTGAACTTTTTGTAAATTTTAAAGTTATAGCTTTAAAGGTTTTAATA
 GGACCTTCTTGAACGACTTTTCTGTAATCTGTTTATCTCCACTTAATGGAAAGGCAAAG
 GGGTACCCCAAATCCAGAGGTGCCTACATTTTCAGGCAGCCTTGGAGTATTTTAAAGGAA
 AACATTTCTTACTTTTATATGACATTCTATACTGCTGTCTCAAATCCAAAAACATTTCA
 GAGCTCTTGTCTCAGAGATGTGTGTTCTTTTTGTGAGAGATATGGTTGATGAGAATCTTA
 AATGCTTGTGTTTGCACCTACTTAGTACCTGTTTACCAGGTTAAGGGGATAGTAC
 CTCCCAATTAAGCAGAGAACTGACCTGACTAAAGTTAATCGCAGATGAACTAGAAGTC
 ACAGGTTAATTAATGTAAGTAGATTGTAGATACTGTTTTATATCAAACAATGTTTATAA
 TGTGTATATAGAATTGTTCACTGTAATAAAAAATGGCCAAATGTGTTTTTTTTTAAATA
 GTAACCTGACTATAAAATAAAGCCGTCCTGGGACGACTGACCTCGTAAAAAAAAAAAAA
 AA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_002729
- 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_002729.4 , NP_002720.1
RefSeq Size:	1772 bp
RefSeq ORF:	813 bp
Locus ID:	3087
UniProt ID:	Q03014
Cytogenetics:	10q23.33
Domains:	homeobox
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Maturity onset diabetes of the young
Gene Summary:	This gene encodes a member of the homeobox family of transcription factors, many of which are involved in developmental processes. Expression in specific hematopoietic lineages suggests that this protein may play a role in hematopoietic differentiation. [provided by RefSeq, Jul 2008]