

Product datasheet for **SC122233**

HuC (ELAVL3) (BC014144) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HuC (ELAVL3) (BC014144) Human Untagged Clone
Tag:	Tag Free
Symbol:	HuC
Synonyms:	HUC; HUCL; PLE21
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC014144 edited
AACACACGGGACCGGACAGGACCGACCGAGGGGCGGCGGCGAAAGGCAGAGCGCCGCGAT
CTCTGTGCGGAAGCGCAACCTCCCCGGGCCCGCGGGGCCGCGCAGGGGGCGTCTCAAC
CCCGCGCCCGCTCCCTCTTTCCATCCCCTGCCGCCGACAGGCCACCCCGGGGCCCGGCA
TCCGCGCGCGCATCCCCGGGTTCCGGGCCGTCCCTGGCCCTCGAGGGAGCCGCGCCCTTC
ATCGCCACATCTGCAGCGGCCGACACAGAGGCCCGCGGGCGGGACCCACGCGTGAGCAT
CGGGCCCGCCCTAGGAGTGCACCACCCCGGAGCCCCCTCAACACGGACCGCGCCCGC
CGGGCACACAAGAATGGTCACTCAGATACTGGGGCCATGGAGTCTCAGGTGGGGGGGG
CCCGGCCCGCCCGCCCTGCCAACGGGCCACTCCTTGGTACAAATGGAGCCACTGACGA
CAGCAAGACCAACCTCATCGTCAACTACCTGCCCCAGAACATGACCCAGGATGAGTTCAA
GAGTCTTTCGGCAGCATTGGCGACATCGAGTCTGCAAGTTGGTTCGGGACAAGATCAC
AGGGCAGAGCCTTGGCTACGGGTTTGTGAATATTCTGACCCCAATGATGCAGACAAAGC
CATCAACACCCTCAACGGCCTCAAATTACAGACGAAGACCATCAAGGTGTCTATGCCAG
ACCCAGTTCAGCATCCATCCGGGATGCTAACCTGTACGTCAGCGGGCTCCCAAGACCAT
GAGCCAGAAAGAGATGGAGCAGCTTTCTCCAGTACGGCCGCATCATCAGTCCCGCAT
CCTGGTGGACCAGGTACAGGTGTCTCTCGGGGTGGGATTATCCGCTTTGACAAGAG
GATTGAGGCCGAAGAGGCTATCAAAGGACTGAATGGGCAGAAGCCGCTGGGCGCAGCTGA
GCCCATCACAGTCAAGTTCGCGAACAACCAAGTCAGAAGACGGGGCAGGCGCTGCTCAC
CCACCTTACCAGTATCCGCCCGGCGCTACGACGGCCCCCTACACCATCAGACCCAGCG
TTTCCGGCTGGACAATTTGCTCAACATGGCCTACGGCGTCAAGAGTCCCTGTGCGTCAT
CGCCAGTTTCGCGCATCGCCATCGATGGTATGAGCGGCCTGGCGGGCGTGGCCCTGTC
GGGGGGCGCGGGCGCGCCGGTGGTGCATCTTCGTGTACAACCTGTACCGGAGGCAGA
CGAGACGCTGCTGTGGCAGCTGTTCCGGCCCTTTGGGGCAGTCAACACGTCAGGTCAT
CGGTGATTTACACCAACAAGTCAAGGTTTTCGGCTTCGTGACCATGACCAACTATGA
CGAGGCGGCCATGGCCATCGCCAGCCTGAACGGCTATCGCTGGGCGAGCGCGTGTGCA
GGTCTCCTTCAAGACCAGCAAACAGCACAAAGGCGTGAAGCCACCCCGCTGCCCTCCAC
CCCCAAGACTGGGAGGGGACTTCTTTTTCTAAACACAAAACCTCAGCCAGCCAGGCCCC
CTCCCTGGAGGCCAGCCCTCCCCGAGGGAGCCCTCGCACCGCTCCCCACCCACTCAG
CGGCCCATCGGAAGTGAAGATTGCAAAACCCCGACTTAGCTATAGTTAAGTTGCCTT
CCCCCGGTGTCCACAGTTTGGTGTCTGGCTATGGCGCCCCATCTGACTGTCCAGTCT
CTCTCCCCACCCCTCCCGGTGTTGTTATTAACGTCTGTGGAGTTCTGCTGCAAGGAA
CAAAAAAGAAAAAATCAAAAAAGCGACAAAAAACACAAACAGAAAGAGGAAAAAAGC
AACAAAAAAGAAAAACACACAGAAGAGATTTAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC014144 unedited
GGAAGCGTCAGAATTTGTATACGACTACTATAGGCGGCCGAATTCGCACGTAGNAAC
ACACGGTACCGGTACAGGACCGACCGAGGGGCGGCGGCGAAAGGCAGAGCGCCGCGATC
TCTGTGCGGAAGCGCAACCTCCCCGGGCCCGCGGGGCCGCGCAGGGGGCGTCTCAACC
CCGCGCCCGCTCCCTCTTTCCATCCCCTGCCGCCGACAGGCCACCCCGGGGCCCGCCAT
CCGCGCGCGCATCCCCGGGTTCCGGGCCGTCCCTGGCCCTCGAGGGAGCCGCGCCCTTCA
TCGCCACATCTGCAGCGGCCGACACAGAGGCCCGCCGGGCGGACCCAGCGTGAGCATC
GGGCGCCCCCTAGGAGTGCACCACCCCGGAGCCCCCTCAACACGGACCGCGCCCGCC
GGGCACACAAGAATGGTCACTCAGATACTGGGGCCATGGAGTCTCAGGTGGGGGGGGC
CCGGCCGGCCCGCCCTGCCAACGGGCCACTCCTTGGTACAAATGGAGCCACTGACGAC
AGCAAGACCAACCTCATCGTCAACTACCTGCCCCAGAACATGACCCAGGATGAGTTCAAG
AGTCTCTTCGGCAGCATTGGCGACATCGAGTCTGCAAGTTGGTTCGGGACAAGATCACA
GGCAGAGCCTTGGCTACGGGTTTGTGAATATTCTGACCCCAATGATGCAGACAAAGCC
ATCAACACCCTCAACGGCCTCAAATTACAGACGAAGACCATCAAGGTGTCTATGCCAGA
CCCAGTTCAGCATCCATCCGGGATGCTAACCTGTACGTCAGCGGGCTCCCAAGACCATAG
CCCGAAAGAGATGGACAACCTTTCTCCAAGTACGCCGGATCATCAGTCCCGCATCTGT
TGGACAGGTACAGGTG

Restriction Sites:	Please inquire
ACCN:	BC014144
Insert Size:	1922 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>BC014144.2</u>
RefSeq Size:	1913 bp
Locus ID:	1995
Cytogenetics:	19p13.2
Gene Summary:	<p>A member of the ELAVL protein family, ELAV-like 3 is a neural-specific RNA-binding protein which contains three RNP-type RNA recognition motifs. The observation that ELAVL3 is one of several Hu antigens (neuronal-specific RNA-binding proteins) recognized by the anti-Hu serum antibody present in sera from patients with paraneoplastic encephalomyelitis and sensory neuronopathy (PEM/PSN) suggests it has a role in neurogenesis. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p>