

Product datasheet for **SC321204**

HCLS1 (NM_005335) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HCLS1 (NM_005335) Human Untagged Clone
Tag:	Tag Free
Symbol:	HCLS1
Synonyms:	CTTNL; HS1; lckBP1; p75
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_005335.3
 GTGGACGCGAGGAGCCGGGCGCTTAGAACAGAGGCTTGCACAGGTGGAGATGTGGAAGTC
 TGTAGTGGGCCATGATGTGTCTGTTTCCGTGGAGACCCAGGGTGATGATTGGGACACAGA
 TCCTGACTTTGTGAATGACATCTCTGAAAAGGAGCAACGATGGGGAGCCAAGACCATCGA
 GGGGTCTGGACGCACAGAACACATCAACATCCACCAGCTGAGGAACAAAGTATCAGAGGA
 GCATGATGTTCTCAGGAAGAAAGAGATGGAGTCAGGGCCCAAAGCATCCCATGGCTATGG
 AGGTCGGTTTGGAGTAGAAAGAGACCCGAATGGACAAGAGTGCAGTGGGCCATGAGTATGT
 TGCCGAGGTGGAGAAGCACTCTTCTCAGACGGATGCTGCCAAAGGCTTTGGGGGCAAGTA
 CCGAGTTGAGAGGGACAGGGCAGACAAGTCAGCAGTCGGCTTTGATTATAAAGGAGAAGT
 GGAGAAGCATACATCTCAGAAAGATTACTCTCGTGGCTTTGGTGGCCGTCACGGGTGGA
 GAAGGATAAAATGGGACAAAGCAGCTCTGGGATATGACTACAAGGGAGAGACGGAGAAACA
 CGAGTCCCAGAGAGATTAGCCAAGGGCTTTGGTGGCCAGTATGGAATCCAGAAGGACCG
 AGTGGATAAAGAGCGCTGTCGGCTTCAATGAAATGGAGGCCCGACCACAGCTTATAAGAA
 GACGACGCCCATAGAAGCCGCTTCTAGTGGTCCCGTGGGCTGAAGGCGAAATTTGAGTC
 CATGGCTGAGGAGAAGAGGAAGCGAGAGGAAGAGGAGAAGGCACAGCAGGTGGCCAGGAG
 GCAACAGGAGCGAAAGGCTGTGACAAAGAGGAGCCCTGAGGCTCCACAGCCAGTGATAGC
 TATGGAAGAGCCAGCAGTACCGGCCCACTGCCAAGAAAATCTCCTCAGAGGCCTGGCC
 TCCAGTTGGGACTCCTCCATCATCAGAGTCTGAGCCTGTGAGAACCAGCAGGGAACACCC
 AGTGCCCTTGCTGCCATTAGGCAGACTCTCCCGGAGGACAAATGAGGAGCCCCCAGCTCT
 GCCCCTAGGACTCTGGAAGGCCCTCAGGTGGAGGAAGAGCCAGTGTACGAAGCAGAGCC
 TGAGCCTGAGCCCAGCCTGAGCCCAGCCTGAGAATGACTATGAGGACGTTGAGGAGAT
 GGACAGGCATGAGCAGGAGGATGAACCAGAGGGGGACTATGAGGAGGTGCTCGAGCCTGA
 AGATTCTTTTTTTCTTCTGCTCTGGCTGGATCATCAGGCTGCCCGCTGGGGCTGGGGC
 TGGGGCTGTGGCTCTGGGGATCTCAGCTGTGGCTCTATGATTACCAAGGAGAGGGAAG
 TGATGAGCTTTCCTTTGATCCGGACGACGTAATCACTGACATTGAGATGGTGGACGAGGG
 CTGGTGGCGGGGACGTTGCCATGGCCACTTTGGACTCTTCCCTGCAAATTATGTCAAGCT
 TCTGGAGTACTAGAGCTCACTGTCTACTGCAACTGTGATTTCCCATGTCCAAAGTGGCT
 CTGCTCCACCCCTCCCTATTCCTGATGCAAATGTCTAACCAGATGAGTTTCTGGACAG
 ACTTCCCTCTCCTGCTTCATTAAGGGCTTGGGGCAGAGACAGCATGGGGAAGGAGTCCC
 CTTCCCAAGAGTCTCTATCCTGGATGAGCTCATGAACATTTCTTGTGTTCTCTGA
 CTCCTTCCAATGAACACCTCTCTGCCACCCAAGCTCTGCTCTCCTCCTCTGTGAGCTC
 TGGGCTTCCCAGTTTGTACCCGGGAAAGTACGTCTAGATTGTGTGGTTTGCCTCATTG
 TGCTATTTGCCCACTTTCCTTCCCTGAAGAAATATCTGTGAACCTTCTTTCTGTTCAAGT
 CTAATAATCGAAATAAAGTGAGACTATGGTTACCTGTAAAAAAAAAAAAAAAAAAAAAAAAA
 AA

Restriction Sites: Please inquire
ACCN: NM_005335

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
OTI Annotation:	<p>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.</p>
Components:	<p>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).</p>
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_005335.3 , NP_005326.1
RefSeq Size:	2029 bp
RefSeq ORF:	1461 bp
Locus ID:	3059
UniProt ID:	P14317
Cytogenetics:	3q13.33
Domains:	SH3, HS1_rep
Protein Families:	Transcription Factors
Protein Pathways:	Pathogenic Escherichia coli infection, Tight junction
Gene Summary:	<p>Substrate of the antigen receptor-coupled tyrosine kinase. Plays a role in antigen receptor signaling for both clonal expansion and deletion in lymphoid cells. May also be involved in the regulation of gene expression.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform 1).</p>