

Product datasheet for **MC216597**

Hcls1 (NM_008225) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hcls1 (NM_008225) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hcls1
Synonyms:	AW213261; HS1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC216597 representing NM_008225
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGAAGTCTGTAGTGGGCATGATGTATCGGTTTCCGTGGAGACCCAGGGTATGACTGGGATACAG
 ACCCTGACTTTGTGAATGACATCTCCGAGAAGGAGCAACGGTGGGAGCCAAGACCATTGAGGGCTCTGG
 ACGCACAGAGCACATCAACATCCACCAGCTGAGGAACAAAGTGTGAGAGGAGCAGCATCTCAAGAAG
 AAGGAGCTGGAATCGGGCCTAAGGCATCCCATGGCTATGGCGTTCGGTTTGGAGTGGAGAGAGACCGGA
 TGGACAAGAGTGGCGTGGGCCACGAGTATGTTGCTGATGTGGAGAAACTCATCTCAGACTGATGCCGC
 CAGAGGCTTTGGGGCAAATATGGAGTTGAGAGGGACCGGCAGACAAGTCAAGCGTGGGCTTTGACTAC
 AAAGGAGAAGTGGAAAAGCATGCATCTCAGAAAGATTACTCTCATGGCTTTGGTGGCCGCTACGGGGTAG
 AGAAGGATAAACGGGACAAAGCAGCCCTGGGATACGACTACAAAGGAGAGACGGAGAAGCAGAGTCTCA
 GAGAGATTATGCCAAGGGCTTTGGTGGCCAATATGGAATCCAGAAAGACCGAGTGGATAAGAGTGTGTT
 GGCTTCAATGAAATGGAGGCCCAACCACGGCGTATAAGAAGACAACCCCATAGAAGCTGCTTCCAGTG
 GTGCCCGTGGGCTGAAGGCAAAATTTGAGTCCCTGGCTGAGGAGAAGAGGAAGCGAGAGGAAGAAGAA
 GGCACAGCAGATGGCCAGGCAGCAACAGGAGCGAAAGGCTGTGGTAAAGATGAGCCGAGAAGTCCAGCAG
 CCATCCATGCCTGTGGAAGAGCCAGCGCACAGCCAGTTGCCAAGAAGATCTCTCAGAGGTCTGGC
 CTCCAGCAGAGAGTCACTACCGCCAGAGTCTCAGCCAGTGAGAAGCAGAAGGGAATACCCTGTGCCCTC
 TCTGCCACGAGGCGAGTCCATTGCAAGTCACTTGGAGGACAACGAGGAGCCCCAGCTGTGCCCTC
 AGGACCCAGAAGGCCTCAGGTGGTGGAGAGCCAGTGTACGAAGCAGCACCCGAGCTGGAGCCGGAGC
 CAGAGCCTGACTATGAGCCAGAGCCAGAGACAGCCCTGACTATGAGGATGTTGGGAGTTAGATCGGCA
 GGATGAGGATGCAGAGGGAGACTATGAGGATGTGCTGGAGCCCGAGGACACCCCTTCTCTGTCTACCAA
 GCTGGACCCTCAGCTGGGCTGGTGGTGCGGGATCTCTGCTATAGCCCTGTATGATTACCAAGGAGAGG
 GAAGCGATGAGCTTCTTTGATCCAGATGACATCATCACTGACATTGAGATGGTGGATGAAGGCTGGT
 GCGGGGCCAATGCCGTGGCCACTTTGGACTTTTCCCTGCAAACACTATGTCAAGCTCCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_008225

Insert Size: 1461 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:

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_008225.2](#), [NP_032251.2](#)

RefSeq Size: 2031 bp

RefSeq ORF: 1461 bp

Locus ID: 15163

UniProt ID: [P49710](#)

Cytogenetics: 16 B3

Gene Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]