

Product datasheet for SC336192

HCLS1 (NM_001292041) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HCLS1 (NM_001292041) Human Untagged Clone
Tag:	Tag Free
Symbol:	HCLS1
Synonyms:	CTTNL; HS1; lckBP1; p75
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336192 representing NM_001292041. Blue=Insert sequence Red=Cloning site Green=Tag(s)

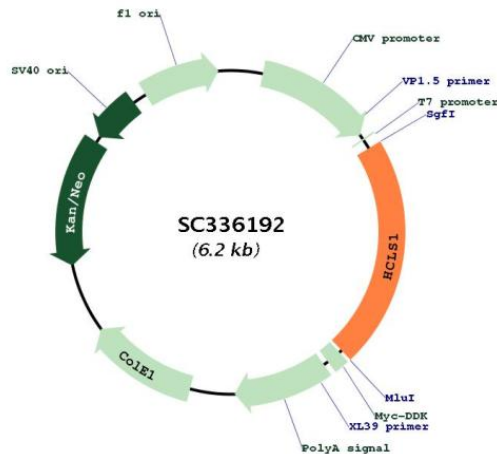
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001292041

Insert Size: 1350 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_001292041.1](#)

RefSeq Size: 1943 bp

RefSeq ORF: 1350 bp

Locus ID: 3059

UniProt ID: [P14317](#)

Cytogenetics: 3q13.33

Protein Families: Transcription Factors

Protein Pathways:	Pathogenic Escherichia coli infection, Tight junction
MW:	49.7 kDa
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 (2) lacks an exon in the coding region compared to variant 1. The resulting protein (isoform 2) is shorter but has the same N- and C-termini compared to isoform 1.</p>