

Product datasheet for SC324912

HYLS1 (NM_001134793) Human Untagged Clone

Product data:

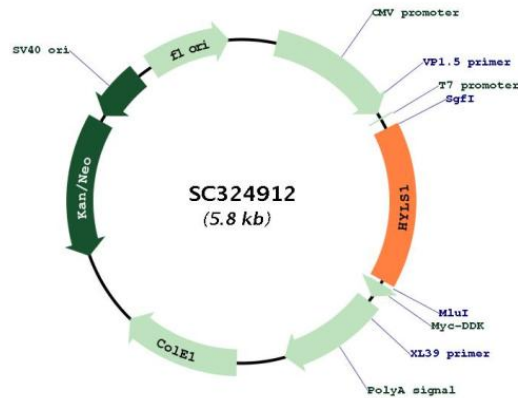
Product Type:	Expression Plasmids
Product Name:	HYLS1 (NM_001134793) Human Untagged Clone
Tag:	Tag Free
Symbol:	HYLS1
Synonyms:	HLS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC324912 representing NM_001134793. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAGAAGCTTCTACCTGATGGACAAATATGGGCTAATATGGATCCAGAAGAACGAATGTTGGCAGCT
GCTACAGCTTTTACCCACATCTGTGCAGGGCAGGGTGAAGGAGATGTCAGGAGAGAAGCCCAATCTATC
CAATATGATCCCTACAGTAAAGCTTTCAGTAGCCCCAGGGAAGCGACCTGCTCTTCTGTGCAACTACAG
TACCCACATGTAGAAAGTAATGTCCCTCAGAAACAGTCTCTGAGGCCTCCCAAAGACTCCGAAAGCCA
GTGATGAAGAGAAAGGTGCTGCGCAGAAAGCCAGATGGGGAAGTATTAGTAACAGATGAGTCGATTATC
AGTGAATCAGAACTGGTACAGAAAATGATCAGGATCTCTGGGACTTAAGACAAAGGCTGATGAATGTA
CAGTTCCAGGAAGACAAGGAATCTTCATTTGATGTTTCACAAAAATTTAACCTACCACATGAATACCAA
GGAATTTCTCAAGATCAGCTCATTGCTCTCTACAAAGAGAAGGAATGGGCTCTCCAGCTTACGAACAA
GACCTGATTGTTGCCAGCAGACCCAAAGTCTTTATTCTCCAAAGCTGGACCAGTTAAGCCGAAACCCGG
GGCAAGACAGACCCGGTAGCCCGGTATTTTGTAGTACAAACGGGACTGGGACTCAATACGTTTACCTGGT
GAAGATCATAGAAAGGAATTACGCTGGGGTGTCCGAGAGCAGATGCTTTGTGAGCAGAACCCCAATCC
AAACCTCAGCATATATGTCCCAACAATTATCTAGTACCAACAGAGAAGAAAAGGTCTGCACTCCGT
TGGGGTGTTCGTTGTGACCTTGCAAATGGTGTACATACCCAGGAAGCTTCCCTTCCCTCTTCTCCTTCT
TAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001134793

Insert Size: 900 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).

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:

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_001134793.1](#)

RefSeq Size: 2073 bp

RefSeq ORF: 900 bp

Locus ID: 219844

UniProt ID: [Q96M11](#)

Cytogenetics: 11q24.2

MW: 34.4 kDa

Gene Summary: This gene encodes a protein localized to the cytoplasm. Mutations in this gene are associated with hydrolethalus syndrome. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Oct 2008]
Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein.