

HYLS1 cDNA

Catalog Number: ATGD0346

PRODUCT INFORMATION

Catalog number

ATGD0346

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001128265.1

Alternative Names

HLS

mRNA Refseq

NM_001134793.1

OMIM

610693

Chromosome location

11q24.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

900bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
 2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA.
- Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted Nde I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

HYLS1 cDNA

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HYLS1 encodes a protein localized to the cytoplasm. Mutations in this gene are associated with hydroletharus syndrome. Multiple alternatively spliced variants, encoding the same protein, have been identified.

DATA

Sequence nucleotides

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ATGGAAGAACTTCTACCTGATGGACAAATATGGGCTAATATGGATCCAGAAGAACGAATGTTGGCAGCTGCTACAGCTTTTA
CCCACATCTGTGCAGGGCAGGGTGAAGGAGATGTCAGGAGAGAAGCCCAATCTATCCAATATGATCCCTACAGTAAAGCTT
CAGTAGCCCCAGGGAAGCGACCTGCTCTTCTGTGCAACTACAGTACCCACATGTAGAAAAGTAATGTCCCTTCAGAAACAGT
CTCTGAGGCCTCCCAAAGACTCCGAAAGCCAGTGATGAAGAGAAAAGGTGCTGCGCAGAAAAGCCAGATGGGGAAGTATTAG
TAACAGATGAGTCGATTATCAGTGAATCAGAATCTGGTACAGAAAATGATCAGGATCTCTGGGACTTAAGACAAAGGCTGAT
GAATGTACAGTTCAGGAAGACAAGGAATCTTCATTTGATGTTTCACAAAAATTTAACCTACCACATGAATACCAAGGAATTT
CTCAAGATCAGCTCATTGCTCTCTACAAAGAGAAGGAATGGGCTCTCCAGCTTACGAACAAGACCTGATTGTTGCCAGCAG
ACCCAAGTCCTTTATTCTCCCAAAGCTGGACCAGTTAAGCCGAAACCGGGGCAAGACAGACCGGGTAGCCCGGTATTTTGA
GTACAAACGGGACTGGGACTCAATACGTTTACCTGGTGAAGATCATAGAAAGGAATTACGCTGGGGTGTCCGAGAGCAGAT
GCTTTGTCGAGCAGAACCCCAATCCAAACCTCAGCATATATATGTCCCAAACAATTATCTAGTACCAACAGAGAAGAAAAGG
TCTGCACTCCGTTGGGGTGTTCGTTGTGACCTTGCAAATGGTGTACATACCAGGAAGCTTCCCTTCCCTCTTCTCCTTCTTA
A
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Transaction Sequence

```
MEELPDGQI WANMDPEERM LAAATAFTHI CAGQGEQDVR REAQSIQYDP YSKASVAPGK RPALPVQLQY PHVESNPSE
TVSEASQRLR KPVMKRKVL RPKDGEVLVT DESIISESES GTENDQDLWD LRQRLMNVQF QEDKESSFDV SQKFNLPEY
QGISQDQLIC SLQREGMGSP AYEQDLIVAS RPKSFILPKL DQLSRNRGKT DRVARYFEYK RDWDSIRLPG EDHRKELRWG
VREQMLCRAE PQSKPQHIYV PNLYLVPTK KRSALRWGVR CDLANGVIPR KLPFPLSPS
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