

SRR cDNA

Catalog Number: ATGD0233

PRODUCT INFORMATION

Catalog number

ATGD0233

Product type

cDNA

Species

Human

NCBI Accession No.

NP_068766.1

Alternative Names

ILV1, ISO1

mRNA Refseq

NM_021947.2

OMIM

606477

Chromosome location

17p13

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1023bp

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 BamH 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

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SRR (Serine Racemase) is a Protein Coding gene. Diseases associated with SRR include serine deficiency and miller-dieker syndrome. Among its related pathways are Glycine, serine and threonine metabolism and Glycine, serine and threonine metabolism.

DATA

Sequence nucleotides

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ATGTGTGCTCAGTATTGCATCTCCTTTGCTGATGTTGAAAAAGCTCATATCAACATTCGAGATTCTATCCACCTCACACCAGT
GCTAACAAGCTCCATTTTGAATCAACTAACAGGGCGCAATCTTTTCTTCAAATGTGAACTCTTCCAGAAAACAGGATCTTTTA
AGATTCGTGGTGCTCTCAATGCCGTGAGAAGCTTGGTTCCTGATGCTTTAGAAAGGAAGCCGAAAGCTGTTGTTACTCACAG
CAGTGGAAACCATGGCCAGGCTCTCACCTATGCTGCCAAATTGGAAGGAATTCCTGCTTATATTGTGGTGCCCCAGACAGCT
CCAGACTGTAAAAAACTTGCAATACAAGCCTACGGAGCGTCAATTGTATACTGTGAACCTAGTGATGAGTCCAGAGAAAATG
TTGCAAAAAGAGTTACAGAAGAAACAGAAGGCATCATGGTACATCCCAACCAGGAGCCTGCAGTGATAGCTGGACAAGGGA
CAATTGCCCTGGAAGTGCTGAACCAGGTTCTTTGGTGGATGCACTGGTGGTACCTGTAGGTGGAGGAGGAATGCTTGCTG
GAATAGCAATTACAGTTAAGGCTCTGAAACCTAGTGTGAAGGTATATGCTGCTGAACCCTCAAATGCAGATGACTGCTACCA
GTCCAAGCTGAAGGGGAAACTGATGCCCAATCTTTATCCTCCAGAAACCATAGCAGATGGTGTCAAATCCAGCATTGGCTTG
AACACCTGGCCTATTATCAGGGACCTTGTGGATGATATCTTCACTGTACAGAGGATGAAATTAAGTGTGCAACCCAGCTGG
TGTGGGAGAGGATGAACTACTCATTGAACCTACAGCTGGTGTGGAGTGGCTGCTGTGCTGTCTCAACATTTTCAAACCTGT
TTCCCAGAAAGTAAAGAACATTTGTATTGTGCTCAGTGGTGGAAATGTAGACTTAACCTCCTCCATAACTTGGGTGAAGCAG
GCTGAAAGGCCAGCTTCTTATCAGTCTGTTTCTGTTTAA
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Transaction Sequence

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MCAQYCISFA DVEKAHINIR DSIHLTPVLT SSILNQLTGR NLFFKCELFQ KTGSFKIRGA LNAVRSVLPD ALERKPKAVV
THSSGNHGQA LTYAAKLEGI PAYIVVPQTA PDCKKLAIQA YGASIVYCEP SDESRENVAK RVTEETEGIM VHPNQEPAVI
AGQGTIALEV LNQVPLVDAL VVPVGGGGML AGIAITVKAL KPSVKVYAAE PSNADDCYQS KLKGKLMPNL YPPETIADGV
KSSIGLNTWP IIRDLVDDIF TVTEDEIKCA TQLVWERMKL LIEPTAGVGV AAVLSQHFQT VSPEVKNICI VLSGGNVDLT
SSITWVKQAE RPASYQSVSV
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