

Datasheet for ABIN4943256

Human MST1L ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	MST1L
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human MST1L with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	2070 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCGCCTG CCCAGTCAC CCTGCTGGCC CCTGGGGCAG CATCCTCAAT GTCTGCAGC CAGCCCGGGC AGCGCTCGCC ATCGAATGAC TTCCAGGTGC TCCGGGGCAC AGAGCTACAG CACCTGCTAC ATGCGGTGGT GCCCGGGCCT TGGCAGGAGG ATGTGGCAGA TGCTGAAGAG TGTGCTGGTC GCTGTGGGCC CTTAATGGAC TGCTGGGCGT TCCACTACAA TGTGAGCAGC CATGTTGCC AACTGCTGCC ATGGACTCAA CACTCGCCCC ACTCAAGGCT GTGGCATTCT

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GGGCGCTGTG ACCTCTTCCA GGAGAAAGGC GAGTGGGGGT ACATGCCAC GCTCCGGAAT
GGCCTGGAAG AGAACTTCTG CCGTAACCCT GATGGCGACC CCGGAGGTCC TTGGTGCCAC
ACAACAGACC CTGCCGTGCG CTTCCAGAGC TGCAGCATCA AATCCTGCCG GGTGGCCGCG
TGTGTCTGGT GCAATGGCGA GGAATACCGC GGCGCGGTAG ACCGCACCGA GTCAGGGGCG
GAGTGCCAGC GCTGGGATCT TCAGCACCCG CACCAGCACC CCTTCGAGCC GGGCAAGTTC
CTCGACCAAG GTCTGGACGA CAACTATTGC CGGAATCCTG ACGGCTCCGA GCGGCCATGG
TGCTACACTA CGGATCCGCA GATCGAGCGA GAGTTCTGTG ACCTCCCCCG CTGCGGGTCC
GAGGCACAGC CCCGCCAAGA GGCCACAAGT GTCAGCTGCT TCCGCGGGAA GGGTGAGGGC
TACCGGGGCA CAGCCAATAC CACCACCGCG GCGTACCTTG CCAGCGTTGG GACGCGCAA
TCCCACATCA GCACCGATTT ACGCCAGAAA AATACGCGTG CAAGTGAGGT GGGCGGGGG
GCGGGCGTTG GGACGTGCTG CTGCGGAGAC CTTCGGGAGA ACTTCTGCTG GAACCTCGAC
GGCTCAGAGG CGCCCTGGTG CTTACCCTG CGGCCCGGCA CGCGCGTGGG CTTTTGCTAC
CAGATCCGGC GTTGTACAGA CGACGTGCGG CCCCAGGACT GCTACCACGG CGCGGGGGAG
CAGTACCGCG GCACGGTCAG CAAGACCCGC AAGGGTGTCC AGTGCCAGCG CTGGTCCGCT
GAGACGCCGC ACAAGCTGCA GGCCCTAACC CTGGGGCGGC ATGCTTTGAT GTCTGGGACC
AGAGCCTGGA AATGGTTGAG ACTACCCTGC CACGATTTTG CTCCCGCTCC CGCCTCGGTT
CACATTTACC TCCGAACCGC ATGCACAACCT GGAGGAGAAC TTCTGCCAGA CCCAGATGGG
GATAGCCATG GGCCCTGGTG CTACACGATG GACCCAAGGA CCCCATTCGA CTA CTGTGCC
CTGCGACGCT GCGACCAGGT GCAGTTTGTG AAGTGTGGCA AGAGGGTGGG TCGGCTGGAT
CAGCGTCGTT CCAAGCTGCG CGTGGCTGGG GGCCATCCGG GCAACTCACC CTGGACAGTC
AGCTTGCGGA ATCGCCATAT GCCTCTCACG GGCTATGAGG TATGGTTGGG CACCCTGTTC
CAGAACCCAC AACATGGAGA GCCAGGCCTA CAGCGGGTCC CAGTAGCCAA GATGCTGTGT
GGGCCCTCAG GCTCCCAGCT TGTCTGCTC AAGCTGGAGA GATCTGTGAC CCTGAACCAG
CGTGTGGCCC TGATCTGCCT GCCGCCTGAA TGGTATGTGG TGCCTCCAGG GACCAAGTGT
GAGATTGCAG GCTGGGGTGA GACCAAAGGT ACGGGTAATG ACACAGTCCT AAATGTGGCC
TTGCTGAACG TCATCTCAA CCAGGAGTGT AACATCAAGC ACCGAGGACA TGTGCGGGAG
AGCGAGATGT GCACTGAGGG ACTGTTGGCC CCTGTGGGGG CCTGTGAGGG TGA CTACGGG
GGCCCACTTG CCTGCTTTAC CCACAACCTGC TGGGTCCTGA AAGGAATTAG AATCCCCAAC
CGAGTATGCA CAAGGTCGCG CTGGCCAGCC GTCTTCACGC GTGTCTCTGT GTTTGTGGAC
TGGATTCACA AGGTCATGAG ACTGGGTTAG

Specificity: ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

Characteristics: Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.

Product Details

Sequencing Primer:

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

Grade: End-sequenced

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene: MST1L

Alternative Name: MST1L ([MST1L Products](#))

Gene ID: 11223

NCBI Accession: [NM_001271733](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: RT/-20 °C

Storage Comment:

- Keep the vial sealed and store at -20°C for long-term storage.
- Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
- Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.
- If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
- Close the lid and vortex the vial for 1 minute.
- Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.

Expiry Date: 12 months

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)