

Datasheet for ABIN4923366

Human LST-3TM12 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	LST-3TM12
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 SLC01B7 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1923 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAAAATAT CAACCACTCA AATAGAAAGG AGATTTGAGA TATCCTCTTC TCTTGTTGGT TTAATTGATG GAAGCTTCGA AATAGGAAAT TTGTTTGTGA TTGTATTTGT AAGTTACTTT GGATCTAAAC TACACAGACC GAAGTTAATT GGAATTGGTT GTTTTCTTAT GGGAACTGGA AGTATTTTGA TGGCTTTACC ACATTTCTTC ATGGGATATT ACAGGTATTC TAAAGAAACC

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AATATTGATC CATCAGAAAA TTCAACATCA AACTTACCAA ACTGTTTAAT TAATCAAATG
TTATCACTCA ATAGAACACC GTCTGAGATA ATAGAAAGAG GTTGTGTGAA GGAATCTGGG
TCACACATGT GGATCTATGT CTTTCATGGGT AATATGCTTC GTGGCATAGG GGAAACCCCC
ATAGTACCAT TGGGGATTC TTACATTGAT GATTTTGCAA AAGAAGGACA TTCTTCCTTG
TATTTAGGTA CTGTGAATGT AATGGGAATG ACTGGTCTAG TTTTGCCTT TATGCTGGGA
TCTCTGTTT CTAAAATGTA TGTGGATATC GGATATGTGG ATCTGAGCAC TATCAGGATA
ACTCCTAAGG ACTCTCGTTG GTTTGGAGCT TGGTGGCTTG GTTTCCTTGT GTCTGGAATA
GTATCCATTA TTTCTTCTAT ACCATTCTTT TTCTTGCCTC TAAATCCAAA TAAACCACAG
AAAGAAAGGA AAGTTTCACT ATTTTTGCAT GTGCTAAAAA CTAATGATAA AAGGAATCAA
ATAGCTAATT TGACCAACCG AAGAAAATAT ATTACCAAAA ATGTGACTGG CTTTTTCCAG
TCTTTGAAAA GCATCCTTAC CAATCCCCTG TATGTTATAT TTGTAATTTT TACATTGTTA
CACATGAGCA GCTACATTGC TTCTCTTACT TATATCATTAA AATGGTGGGA GCAACAGTAT
GGTTGGTCTG CATCTAAGAC TAACTTTTTG TTGGGAGTCC TCGCCCTACC TGCTGTTGCA
ATTGGCATGT TTTTCAGGAGG ATATATCATT AAAAAATTCA AATTGTCTTT AGTTGGACTT
GCCAAATTGG CATTGTTGTC TGCAACAGTG CATCTCTTAT CTCAAGTTTT ATATTTCTTT
CTAATCTGTG AAAGCAAATC AGTTGCCGGC CTAACCTTGA CCTATGATGG AAATAGTCCA
GTAAGATCTC ATGTAGATGT ACCACTTTCT TATTGCAACT CAGAGTGCAA TTGTGATGAA
AGTCAATGGG AACCCGTCTG TGGAAACAAT GGAATAACTT ACCTGTCACC TTGTCTAGCA
GGATGCAAAT CTTCAAGTGG TAATAAAGAG CCCATAGTGT TTTATAACTG TAGCTGTGTG
GAAGTAATTG GTCTCCAGAA CAAAAATTAC TCAGCGCACT TGGGTGAATG CCCAAGAGAT
GATGCTTGTA CAAGGAAATC TTACGTTTAT TTTGTAATTC AAGTCTTAGA TGCTTTCCTC
TGTGCAGTTG GACTTACCTC ATATTCCGTG CTGGTGATTA GGATTGTTCA ACCTGAATTG
AAAGCACTTG CAATCGGCTT CCATTCAATG ATTATGCGAT CGCTAGGAGG TATTCTAGTT
CCAATATATT TTGGGGCTCT GATTGATACA ACGTGTATGA AGTGGTCCAC CAACAGCTGT
GGAGCACGAG GGGCTTGTAG GATATATAAT TCCACATATT TGGGAAGAGC CTTCTTCGGC
TTGAAGGTAG CCCTAATATT TCCAGTACTT GTTTTACTTA CTGTATTTAT TTTTGTGTA
AGGAAAAAAT CCCATGGAAA GGATACCAAA GTATTAGAAA ATGAAAGACA AGTAATGGAT
GAAGCAAACCT TAGAATTCTT AAACGACAGT GAACATTTTG TACCTTCTGC TGAAGAACAG TAA

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.

Sequencing Primer: • Forward primer: 5'-TAATACGACTCACTATAGGG-3'

Product Details

- 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: LST-3TM12

Alternative Name: SLC01B7 ([LST-3TM12 Products](#))

Gene ID: 338821

NCBI Accession: [NM_001009562](#)

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)