

Datasheet for ABIN4921779

Human TSPY4 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TSPY4
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 TSPY10 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	927 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCGCCCTG AGGGCTCGCT GACCTACCGG GTGCCAGAGA GGCTGCGGCA GGGTTTCTGT GGCGTGGGTC GGGCAGCACA GGCCTTGTTG TGTGCGAGTG CCAAGGAGGG CACCGCCTTC AGGATGGAGG CTGTACAGGA GGGGGCGGCC GGGGTGGAGA GTGAGCAGGC GGCTTTGGGG GAGGAGGCGG TGCTGCTGTT GGATGACATA ATGGCGGAGG TGGAGGTGGT GGCGGAGGAG GAGGGCCTCG TGGAGCGGCG GGAGGAGGCC CAGCGGGCAC AGCAGGCTGT GCCTGGCCCT

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Product Details

GGGCCCATGA CCCAGAGTC TGCACTGGAG GAGCTGCTGG CCGTTCAGGT GGAGCTGGAG
CCGGTTAATG CCCAAGCCAG GAAGGCCTTT TCTCGGCAGC GGGAAAAGAT GGAGCGGAGG
CGCAAGCCCC ACCTAGACCG CAGAGGCGCC GTCATCCAGA GCGTCCCTGG CTTCTGGGCC
AATGTTATTG CAAACCACCC CCAGATGTCA GCCCTGATCA CTGACGAAGA TGAAGACATG
CTGAGCTACA TGGTCAGCCT GGAGGTGGAA GAAGAGAAGC ATCCTGTTCA TCTCTGCAAG
ATCATGTTGT TCTTTCGGAG TAACCCCTAC TTCCAGAATA AAGTGATTAC CAAGGAATAT
CTGGTGAACA TCACAGAATA CAGGGCTTCT CATTCCACTC CAATTGAGTG GTATCCGGAT
TATGAAGTGG AGGCCTATCG CCGCAGACAC CACAACAGCA GCCTTAACTT CTTCAACTGG
TTCTCTGACC ACAACTTCGC AGGATCTAAC AAGATTGCTG AGATCCTATG TAAGGACCTG
TGGCGCAATC CCCTGCAATA CTACAAGAGG ATGAAGCCAC CTGAAGAGGG AACAGAGACG
TCAGGGGACT CCCAGTTGTT GAGTTGA

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'
- 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: TSPY4

Alternative Name: TSPY10 ([TSPY4 Products](#))

Gene ID: 100289087

NCBI Accession: [NM_001282469](#)

Application Details

Restrictions: For Research Use only

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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)