

Datasheet for ABIN4921778

## Human TSPY2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	TSPY2
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 TSPY2 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 GGGTTCCTGT GGCGTGGGTC GGGCAGCACA GGCCTTGTTG TGTGCGAGTG CCAAGGAGGG CACCGCCTTC AGGATGGAGG CTGTGCAGGA GGGGGCGGCC GGGGTGGAGA GTGAGCAGGC GGCTTTGGGG GAGGAGGCGG TGCTGCTGTT GGATGACATA ATGGCGGAGG TGGAGGTGGT GGCGGAGGAG GAGGGCCTCG TGGAGCGGCG GGAGGAGGCC CAGCGGGCAC AGCAGGCTGT GCCTGGCCCT

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## Product Details

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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 ATCGTGTTCA 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

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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:	<ul style="list-style-type: none"><li>• Forward primer: 5'-TAATACGACTCACTATAGGG-3'</li><li>• Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'</li></ul>
Grade:	End-sequenced
Components:	The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

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## Target Details

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Gene:	TSPY2
Alternative Name:	TSPY2 ( <a href="#">TSPY2 Products</a> )
Gene ID:	64591
NCBI Accession:	<a href="#">NM_022573</a>

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## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format: Lyophilized

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Storage: RT/-20 °C

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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.

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Expiry Date: 12 months

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## Publications

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