Datasheet for ABIN4923359

Human SLFN12L ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	SLFN12L
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 SLFN12L with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1767 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGACCTCG CCAGAAAAGA ATTTCTGCGT GGAAATGGCT TAGCTGCTGG GAAAATGAAC ATCAGTATTG ATTTAGACAC AAACTATGCT GAGCTGGTTC TAAATGTGGG AAGAGTCACT CTTGGAGAGA ACAATAGAAA AAAAATGAAG GATTGTCAAC TGAGAAAACA GCAGAATGAA AATGTCTCAC GAGCTGTGTG TGCTCTGCTG AATTCTGGAG GGGGAGTGAT CAAGGCTGAA

	GTTGAGAATA AAGGCTATAG TTATAAAAAA GATGGAATAG GGCTAGATTT GGAAAATTCT TTTAGTAACA TGCTGCCATT TGTTCCTAAT TTCCTGGACT TCATGCAGAA TGGTAACTAC TTTCACATTT TTGTGAAATC ATGGAGCTTG GAAACCTCTG GTCCGCAGAT TGCCACGTTG AGCTCCAGTT TGTACAAGAG AGATGTAACG TCTGCAAAAG TCATGAATGC TTCTGCTGCA CTGGAGTTCC TCAAAGACAT GGAAAAAACT GGAGGGAGAG CATATTTAAG ACCAGAATTC CCTGCAAAAA GGGCCTGTGT TGATGTACAA GAAGAAAGTA ACATGGAAGC CTTGGCTGCT GATTTTTTTA ACAGAACAGA ACTTGGTTAT AAAGAAAAAT TGACCTTTAC TGAATCCACA CACGTTGAAA TAAAAAACTT CTCGACTGAA AAGTTGTTAC AACGAATTAC AGAGATTCTC CCTCAATATG TTTCTGCATT TGCAAATACT GATGGAGGAT ATTTATTCGT TGGTCTAAAT GAAGATAAAG AAGTAATTGG CTTTAAAGCA GAGAAGAGTT ATCTTACTAA GTTAGAAGAA GTAACAAAAA ATTCCATTGG GAAACTGCCT GTGCATCACT TCTGTGTGGA GAAGGGGACG ATAAATTACT TATGCAAATT CCTTGGAGTA TATGATAAAG GAAGGCTTTG TGGATATGTG TATGCACTCA GAGTGGAACG CTTCTGCTGT GCAGTGTTTG CTAAAAAGCC TGATTCCTGG CACGTGAAAG ATAACAGAGT TAAGCAGTTG ACCGAGAAGG AATGGATCCA GTTCATGGTG GATTCAGAAC CAGTATGTGA GGAACTGCCC TCTCCAGCAA GTACATCATC ACCTGTCTCC CAGAGTTATC CTCTTCGTGA ATATATTAAC TTCAAAATTC AGCCACTGAG ATATCACCTT CCAGGGCTAT CAGAAAAGAT AACTTGTGCT CCAAAAACCT TCTGCAGAAA TCTGTTCTCA CAACATGAAG GACTTAAGCA ATTAATATGT GAAGAAATGG GCTCTGTCAA TAAGGGCTCA CTGATCTTCT CTAGGAGCTG GTCTTTGGAT CTGGGCTTGC AAGAGAACCA CAAAGTCCTC TGTGATGCTC TTCTGATTTC CCAGGACAAG CCTCCAGTCC TATACACCTT CCACATGGTA CAGGATGAGG AGTTTAAAGA CTATTCTACA CAAACTGCCC AAACTTTAAA ACAGAAGCTG GCAAAAATTG GTGGTTACAC TAAAAAAGTG TGTGTCATGA CAAAGATCTT CTACTTGAGC CCTGAAGGCA AGACAAGCTG CCAGTATGAT TTAAACTCGC AAGTAATTTA CCCTGAATCC TACTATTGGA CAACAGCTCA AACAATGAAA GACTTGGAAA AGGCCCTTTC AAATATCTTA CCTAAGGAGA ATCAAATCTT TTTGTTTGTT TGTTTGTTTC GTTTTTGTTT GTTTGTTTGT TGGTTTGTTT GTTTTTTCTT GAGATGA
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

Product Details

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

Target Details

Gene:	SLFN12L
Alternative Name:	SLFN12L (SLFN12L Products)
Gene ID:	100506736
NCBI Accession:	NM_001195790

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)