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Product datasheet for SC322924

PSF3 (GINS3) (NM_001126129) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PSF3 (GINS3) (NM_001126129) Human Untagged Clone
Tag:	Tag Free
Symbol:	PSF3
Synonyms:	PSF3
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

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Fully Sequenced ORF:

>OriGene ORF sequence for NM_001126129 edited
CCCAGTCTCCGCTTCCCCGTCTTGTACACCCCTAACTCCTGAGGCTCCTCCGAATCACGC
GAGTGGAAGCGGAGAAGCTCAAGTGGCCGCCATGTCAGAGGCTTATTTCCGAGTGGAGTC
GGGTGCGCTGGGGCCTGAGGAGAACTTTCTTTCTTTGGACGACATCCTGATGTCCCACGA
GAAGCTGCCGGTGCGCACGGAGACCGCCATGCCTCGCCTTGGCGCTTTCTTCCTGGAGCG
GAGCGCAGGCGCCGAGACTGACAACGCGGTCCCACAGGGTTTTGCTCTGTTGCCCAGGCT
GGAGTGCAGTGGTGTGATATGGCTCACTGCAGCCTTGACCTCCCAGGCTCCAGAGATCCT
CCCACCTCAGCCACCTATGTGGCTGGTATTGCAGGGTTCCAAGCTTGAACTACCCTTGTG
GCTGGCAAAAGGACTTTTTGACAACAAGCGACGGATCCTTTCTGTGGAACTCCCCAAGAT
CTACCAAGAGGGTTGGAGGACTGTGTTCAGTGCAGATCCCAATGTGGTGGACCTCCACAA
AATGGGGCCCCATTTCTACGGGTTTGGCTCCCAGCTCCTGCATTTTGACAGTCCCGAGAA
TGCAGACATTTCCCAGTCTCTGCTGCAGACTTTTATCGGACGTTTTCGCCGCATCATGGA
CTCCTCACAGAATGCTTACAACGAAGACACTTCAGCCCTGGTAGCCAGGCTAGACGAGAT
GGAGAGGGGCTTATTTCAAACAGGGCAGAAAGGACTGAATGACTTTCAGTGTTGGGAGAA
GGGGCAGGCTTCTCAGATCACAGCTTCCAACCTCGTTCAGAATTACAAGAAGAGAAAATT
CACTGATATGGAAGACTGAAAGCCGGAAGAACACAGAATGGCTCCTCACAGACGTATCCC
TCCGTGTGTCCTTGATAGGAGCTGGTTGACCTTGTACAGAACCAGAATCCTGTCCCATTT
CATGGCTTATTTCCTGTGGCCATAGAGAATTATAGGGAACTGGACATGCTGGAGGATGTG
GGTGTCCCTGGCTCTGTGAGTCTTCCAGGACCGTCCCACCCTGCTGACCCACAGCCCAGG
CCCTTTAACCCAAGAACCCATGGCCAAGGAGAAATCAAAGTCCTTCCTAAATAAGAATCA
CTGCCATATAATATATCACAGTAGAGTTGCAACTGAGATTCCTTGTGTCTGGGAGTTTGG
ACAGCTTCAGATGTACAGTTTCACTAGCCACAAAGCACAGGTACAAACTGGGTCATCGCC
TGTTCACAAAATGCTCTCTTGATCTTATTTGCCTCATCTTCCTCATGGTTGTACAGAGGA
TAGCACCCCACCATGCCAGCCTGACTTGGAGATATCTCCTGCTGCCTGCCTGCAGGGAGT
TACCCCAGTTTCCAAAAACAGTCGCCCAGATAAAGGAGGAAAAGGGAAAGGCAGACGAAT
GGCATGGCTTTTACTAAAGAAAAGATGTTGGCCTCATACTCTATACTCAGGGCTTAATGA
ACTGGAATCTGCATAACTCAGCAGTCAACCCAGAAGGGAAATGGTTAAACTGAGCTTGTT
ATTGCCTCGGAGAGCCTAAGAGCACCCGCACACTTAATTCTACTCCCTGTCTAGAAAAGC
TGTCAGGGAGTCGTTTGGAATTGCAATGTAGTTATTAAGGGCTGTTAACCAGCCTGCATT
ACATCTGGAAGTCAGGACTTGGGTGCTGACTATGAAGGGCCCTGTTTTCAAAATCTAACA
TTGCAAGTGTAAATGGGCAAGAAGCCTCCGTTGTGCTTTTTTTTTCCTCTTCAGTAACTT
TTGCAACATTATTGCATAGAAGATCCCTGACCATTTACTAGGAACCTGGTTAAGCAAGCA
CTAATCTCTTTTCCTGGAGATCAAGGATGCAACCTCAGGTTGAGAAAGAAACAGGGTTCC
CTGGGCCCATTAGACTGTTTGCAGGGCATCACTGCTTCCCCCTGACACCTCACAACTAGC
AAAAATTGTCTTTGTCTTTGGAAATTATAGAGGGATTTGGGTATCCAGATTGTGCAGATG
CAAACTTAGGCTGTCTTGATGCAAACTTAGAACCACAGAAATGCTTTTAAAATGCCTGTT
TTAAGATGGAATTGTTGTTTTTATAATTTGATTTTAGTGCTAAATAAATGATTGGCTTTG
TACATGAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001126129

Insert Size: 2200 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001126129.1.

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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001126129.1, NP_001119601.1
RefSeq Size:	2414 bp
RefSeq ORF:	768 bp
Locus ID:	64785
UniProt ID:	Q9BRX5
Cytogenetics:	16q21
Gene Summary:	This gene encodes a protein subunit of the GINS heterotetrameric complex, which is essential for the initiation of DNA replication and replisome progression in eukaryotes. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) encodes the longest isoform (a).

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