

Product datasheet for **SC322161**

GAS41 (YEATS4) (NM_006530) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GAS41 (YEATS4) (NM_006530) Human Untagged Clone
Tag: Tag Free
Symbol: GAS41
Synonyms: 4930573H17Rik; B230215M10Rik; GAS41; NUBI-1; YAF9
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322161
 CCTCCTTCGGCTAGAAACCTCCGCCTGGGCCCGCGACAGGAGCGGGTCTCTGAGGG
 GAGCGGCGACCCCGCCAGCCCCGGTCTCTTTCCCTGGCGGCGGGCTTCTCCGTGGGA
 CAATATGTTCAAGAGAATGGCCGAATTTGGGCCTGACTCCGCGGGAGAGTAAAGGGTGT
 TACTATCGTTAAACCAATAGTTTACGGTAAATGTTGCTCGGTATTTTGGAAAGAAAAGAGA
 AGAAGATGGGCACACTCATCAGTGGACAGTATATGTGAAACCATATAGAAATGAGGATAT
 GTCAGCATATGTGAAGAAAATCCAGTTTAAATTACATGAAAGCTATGGCAATCCTTTAAG
 AGTTGTTACTAAACCTCCATATGAAATTACTGAAACAGGATGGGGTGAATTCGAAATAAT
 CATCAAAATATTTTTATTGACCCTAATGAAAGACCTGTAACCCTGTATCATTGCTAAA
 GCTGTTTTCAATCAGACACCAATGCAATGCTGGGAAAAAGACAGTGGTTTCAGAGTTCTA
 TGATGAAATGATATTTCAAGACCAACAGCAATGATGCAACAATTATTGACAACATCTCG
 TCAGCTAACATTAGGAGCCTATAAGCATGAAACAGAATTTGCAGAGCTTGAAGTAAAAC
 CAGAGAAAAATTAGAAGCTGCTAAGAAAAAACAGCTTTGAGATTGCAGAGCTTAAGGA
 GAGATTAAGCAAGTCGTGAAACTATAAATTGTTTAAAAAATGAAATCAGAAAACCTTGA
 AGAAGATGACCAAGCAAAAAGACATATAAACAGTTCTCATGAGAACTTGGTAGTAAGCTAA
 ACTGAAAATAAGGTGGGCTTCACTGGAGAAAATGGACTTACTGCAATGCTGTGATGTTTC
 TTAGAGGAACCTCATATACAGCTGTTGACCATGAATTTCTTAGCAATAGGAATTTGTACT
 ATTTAAGCAATCTTTAATGGAAAATATGTGTGTAAGAATGGATGCTATATAGGTATTTTA
 CCAACCATTTTAAGAAAATTTCTATGATATTAAGCACAGTTTTTAAAAATGTTTATTGTA
 GTATATGTATAGCTTATTACCCTTTTGACAGGCATCAAAATTTTATTATAAAGTATTACT
 TGTACAAATTTTGTACTTCTTTAGTGGCTAGAATTAGTGAAGAACTTAATGTGTATATT
 TAATTTCTCAAGTTCTTACCTGCCCCATCCTTTTTTGTATATGATGTGCCAGTAAGT
 ATTCATAAATGTAGTTTACAGATCCTAAAAA

Restriction Sites: Please inquire
ACCN: NM_006530



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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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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:	<u>NM_006530.2</u> , <u>NP_006521.1</u>
RefSeq Size:	1404 bp
RefSeq ORF:	684 bp
Locus ID:	8089
UniProt ID:	<u>O95619</u>
Cytogenetics:	12q15
Domains:	YEATS
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>The protein encoded by this gene is found in the nucleoli. It has high sequence homology to human MLLT1, and yeast and human MLLT3 proteins. Both MLLT1 and MLLT3 proteins belong to a class of transcription factors, indicating that the encoded protein might also represent a transcription factor. This protein is thought to be required for RNA transcription. This gene has been shown to be amplified in tumors. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>