

Product datasheet for SC319094

FUS2 (NAT6) (NM_012191) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FUS2 (NAT6) (NM_012191) Human Untagged Clone
Tag:	Tag Free
Symbol:	FUS2
Synonyms:	FUS-2; FUS2; HsNAAA80; NAT6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_012191.2 GGCGACTGAGTGAGATACCCAGCTGTGCGGAGCTAGGACGCGGAACATCCCAGAGGCCAG CATCAACATGCAAGAGCTGACTCTGAGCCCTGGCCCAGCCAAGCTGACCCCTACACTAGA CCCTACACACCGGATGGAGCTGATCCTGAGTACCAGCCCAGCTGAGCTGACTCTGGATCC TGGCTGCCAGCCAAGCTGCCCTGGATTCCACATGCCAACAGAGATGACCTTCAATCC TGGTCCAAGTGGCTTACCCTGGATCCTGAACACCAGCCAGAGGAGACCCAGCTCCTAG CCTGGCTGAGTTGACCTGGAGCCTGTGCACCGCCGACCCGAGCTCCTGGATGCTTGTGC TGACCTCATCAATGATCAGTGGCCCCGAGCCGCACCTCCCGCCTGCACTCCCTGGGCCA GTCCTCAGATGCCTTCCCCCTGCCTGATGCTGCTAAGCCCCACCCACACTGAAGC AGCACCCGTTGTGGTGGCCATGCCCGCTGTCACGGGTGCTGAACCAGCCCAGAGCCT CTTAGTGGAGACAGTGGTGGTGGCCCGGCCCTGAGGGGCGTGGCTTTGGCCGCGCCT CATGGAGGGCCTGGAGGTCTTTGCTCGGGCCCGGGCTTCCGCAAGCTGCATCTCACAC CCATGACCAGGTGCACTTCTATACCCACCTGGGCTACCAGCTGGGTGAGCCTGTGCAGGG CCTGGTCTTACCAGCAGACGGCTGCCTGCCACCTGCTTAATGCCTTCCCCACAGCCCC CTCTCCCCGGCCACCCAGGAAGGCCCAAACCTGACTGCCAAGCTGCCCAAGGGGTCC CAAGGGACCTCCATTGCCACCACCCCTCCCCTACCTGAGTGCCTGACCATCTCACCCCC AGTTCCATCAGGGCCCCCTTCAAAAAGCCTGCTGGAGACACAATCAAAATGTGAGGGG GCGCCCCATATTTGGATGGAAAAAGACATCTGAGGCCATCCAGGGCAAGGAAGTGTCTT TCTGGTTCAATAGACTGCCCGACAGTCTACAAGCCTCAGCCCACTGACCATACCTCAGC CCCTAGCCCTGGGGGAGCTTTAACCTGGGCATGTTTCTGGGTACCAGTGGGGCCAG GAGGTGGCTCTGGCTCAGAGCCGTGAGTGTGGCTGAATAAAGGCTCTCTGGGTAAAAAA AAAAAAAAAAAAAAAAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_012191



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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:	NM_012191.2 , NP_036323.2
RefSeq Size:	1218 bp
RefSeq ORF:	927 bp
Locus ID:	24142
UniProt ID:	Q93015
Cytogenetics:	3p21.31
Domains:	Acetyltransf
Protein Pathways:	Glycerophospholipid metabolism, Limonene and pinene degradation, Phenylalanine metabolism, Tyrosine metabolism
Gene Summary:	<p>This gene encodes a member of the N-acetyltransferase family. N-acetyltransferases modify proteins by transferring acetyl groups from acetyl CoA to the N-termini of protein substrates. The encoded protein is a cytoplasmic N-acetyltransferase with a substrate specificity for proteins with an N-terminal methionine. This gene is located in the tumor suppressor gene region on chromosome 3p21.3 and the encoded protein may play a role in cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed. This gene overlaps and is on the same strand as hyaluronoglucosaminidase 3, and some transcripts of each gene share a portion of the first exon. [provided by RefSeq, Jan 2011]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>