

Product datasheet for SC331220

AMID (AIFM2) (NM_001198696) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: AMID (AIFM2) (NM_001198696) Human Untagged Clone
Tag: Tag Free
Symbol: AMID
Synonyms: AMID; FSP1; PRG3
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331220 representing NM_001198696.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGGTCCCAGGTCTCGGTGGAATCGGGAGCTCTGCACGTGGTATTGTGGTGGGGGCTTTGGCGGG
ATCGCAGCAGCCAGCCAGCTGCAGGCCCTGAACGTCCCCTTCATGCTGGTGGACATGAAGGACTCCTTC
CACCACAAATGTGGCTGCTCTCCGAGCCTCCGTGGAGACAGGGTTCGCCAAAAGACATTCATTTCTTAC
TCGGTGACTTTCAAGGACAACTCCGGCAGGGGCTAGTAGTGGGGATAGACCTGAAGAACCAGATGGTG
CTGCTGCAGGGTGGCAGGCCCTGCCCTTCTCATCTTATCCTGGCCACGGGCAGCACTGGGCCCTTC
CCGGGCAAGTTTAAATGAGTTTCCAGCCAGCAGGCCGCTATCCAGGCCTATGAGGACATGGTGAGGCAG
GTCCAGCGCTCACGGTTCATCGTGGTGGTGGGAGGAGGCTCGGCTGGAGTGGAGATGGCAGCAGAGATT
AAAACAGAATATCCTGAGAAAGAGGTCACTCTCATTCACTCCCAAGTGGCCCTGGCTGACAAAGGAGCTC
CTGCCCTCCGTCCGGCAGGAAGTGAAGGAGATCCTCCTCCGGAAGGGCGTGCAGCTGCTGCTGAGTGAG
CGGGTGAGCAATCTGGAGGAGCTGCCTCTCAATGAGTATCGAGAGTACATCAAAGTGCAGACGGACAAA
GGCACAGAGGTGGCCACCAACCTGGTGATTCTCTGCACCGGCATCAAGATCAACAGCTCCGCCTACCGC
AAAGCGTTTGAGAGCAGACTAGCCAGCAGTGGTGTCTGAGAGTGAACGAGCACCTCCAGGTGGAGGGC
CACAGCAACGTCTACGCCATTGGTGACTGTGCCAGCTGAGGACGCCAAGATGGCCTATCTTGCCGGC
CTCCACGCCAACATCGCGTGGCCAACATCGTCAACTCTGTGAAGCAGCGCCCTCCAGGCCTACAAG
CCGGGTGCACTGACGTTCTCCTGTCCATGGGGAGAAATGACGGTGTGGGCCAAAATCAGTGGCTTCTAT
GTGGGCCGGCTCATGGTTCGGCTGACCAAGAGCCGGGACCTGTTCTGCTCTACGAGCTGGAAAACCATG
AGGCAGTCTCCACCTTGA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001198696
Insert Size: 1122 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).



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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:	<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_001198696.1</u>
RefSeq Size:	3256 bp
RefSeq ORF:	1122 bp
Locus ID:	84883
UniProt ID:	<u>Q9BRQ8</u>
Cytogenetics:	10q22.1
Protein Families:	Druggable Genome, Transmembrane
MW:	40.5 kDa
Gene Summary:	<p>This gene encodes a flavoprotein oxidoreductase that binds single stranded DNA and is thought to contribute to apoptosis in the presence of bacterial and viral DNA. The expression of this gene is also found to be induced by tumor suppressor protein p53 in colon cancer cells. [provided by RefSeq, Nov 2010]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>