

Product datasheet for **SC322292**

AIMP2 (NM_006303) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: AIMP2 (NM_006303) Human Untagged Clone
Tag: Tag Free
Symbol: AIMP2
Synonyms: HLD17; JTV-1; JTV1; P38
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322292
GGCCGGTCTCCGTCGTGACCTCTGACGGTTTCTGAGCGTTGGCCTTTGGCACGCGTACC
CCCTTTTGCTTTGGTTCTGCCATGCCGATGTACCAGGTAAGCCCTATCACGGGGCGCG
GCGCCTCTCCGTGTGGAGCTTCCACCTGCATGTACCGGCTCCCCAACGTGCACGGCAGG
AGCTACGCCCCAGCGCCGGGCGCTGGCCACGTGCAGGAAGAGTCTAACCTGTCTCTGCAA
GCTCTTGAGTCCCGCAAGATGATATTTTAAAACGTCTGTATGAGTTGAAAGCTGCAGTT
GATGGCCTCTCCAAGATGATTCAAACACCAGATGCAGACTTGGATGTAACCAACATAATC
CAAGCGGATGAGCCACGACTTTAACCACCAATGCGCTGGACTTGAATTCAGTGCCTGGG
AAGGATTACGGGGCGCTGAAAGACATCGTGATCAACGCAAACCCGGGCTCCCCTCCCCTC
TCCCTGCTTGCTGCACAGGCTGCTCTGTGAGCACTTCAGGGTCTGTCCACGGTGCAC
ACGCACTCCTCGGTCAAGAGCGTGCCTGAAAACCTTCTCAAGTGCTTTGGAGAACAGAAT
AAAAAACAGCCCCGCAAGACTATCAGCTGGGATTCACTTTAATTTGGAAGAATGTGCCG
AAGACGCAGATGAAATTCAGCATCCAGACGATGTGCCCATCGAAGGCGAAGGGAACATT
GCACGTTTCTTGTCTCTCTGTTTGGCCAGAAGCATAATGCTGTCAACGCAACCCCTTATA
GATAGCTGGGTAGATATTGCGATTTTTCAGTAAAAGAGGGAAGCAGTAAAGAAAAAGCC
GCTGTTTCCGCTCCATGAACTGTCTTGGGAAGAGCCCTTGGCTCGCTGGGAATGAA
CTCACCGTAGCAGACGTGGTGTGTGGTCTGTACTCCAGCAGATCGGAGGCTGCAGTGTG
ACAGTGCCAGCCAATGTGCAGAGGTGGATGAGGTCTTGTGAAAACCTGGCTCCTTTTAA
ACGGCCCTCAAGCTCCTTAAGTGAATTGCCGTAAGTATTTTAAAGGGTTTAGATTTTAA
GAATGGTGTCTTTTCATGCCTATTATCAGTAAGGGGACTTGTATTAGAGTCAGAGTCTTT
TTATTTAGGCCAGTTGTCAAGTGTCATAAAAGCATCATGTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_006303



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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_006303.3 , NP_006294.2
RefSeq Size:	1236 bp
RefSeq ORF:	963 bp
Locus ID:	7965
UniProt ID:	Q13155
Cytogenetics:	7p22.1
Protein Families:	Stem cell - Pluripotency
Gene Summary:	<p>The protein encoded by this gene is part of the aminoacyl-tRNA synthetase complex, which contains nine different aminoacyl-tRNA synthetases and three non-enzymatic factors. The encoded protein is one of the non-enzymatic factors and is required for assembly and stability of the complex. [provided by RefSeq, May 2016]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a).</p>