

## Product datasheet for **SC308082**

### AMSH (STAMPB) (NM\_201647) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	AMSH (STAMPB) (NM_201647) Human Untagged Clone
Tag:	Tag Free
Symbol:	STAMPB
Synonyms:	AMSH; MICCAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308082 representing NM_201647. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCTGACCATGGAGATGTGAGCCTCCCGCCGAAGACCGGGTGAGGGCTCTCTCCAGCTGGGTAGT
GCGGTAGAGGTGAATGAAGACATTCACCCCGTCCGACTTCCGCTCTGGAGTTGAGATTATCCGAATG
GCATCCATTTACTCTGAGGAAGCAACATTGAACATGCCTTCATCCTCTATAACAAGTATATCACGCTC
TTTATTGAGAACTACAAAACATCGAGATTACAAATCTGCTGTCATTCTGAAAAGAAAGACACAGTA
AAGAAATTAAGGAGATTGCATTTCCAAAGCAGAAGAGCTGAAGGCAGAGCTGTTAAAACGATATACC
AAAGAATATACAGAATATAATGAAGAAAAGAAGAAGGAAGCAGAGGAATTGGCCCGAACATGGCCATC
CAGCAAGAGCTGGAAAAGGAAAAACAGAGGGTAGCACAACAGAAGCAGCAGCAATTGGAACAGGAACAG
TTCCATGCCTTCGAGGAGATGATCCGGAACCAGGAGCTAGAAAAAGAGCGACTGAAAATTGTACAGGAG
TTTGGGAAGGTAGACCCTGGCCTAGGTGGCCCGCTAGTGCCTGACTTGGAGAAGCCCTCCTTAGATGTG
TTCCCCACCTTAACAGTCTCATCCATACAGCCTTCAGACTGTCACACAACGTAAAGGCCAGCTAAGCCA
CCTGTGGTGGACAGGTCTTGAACCTGGAGCACTGAGCAACTCAGAAAGTATCCACAATCGATGGA
TTGCGCCATGTGGTGGCTGGGCGGCTGTGCCACAGTTTCTCCAGTAGCCAGTGCCAACTGCC
CGGGGAGTGGAGACATGTGGAATTTCTGTGAAAACCTGATGAGGAATGAATTTACCATTACCCATGTT
CTCATCCCAAGCAAAGTCTGGGTCTGATTACTGCAACACAGAGAACGAAGAAGAACTTTCTCATA
CAGGATCAGCAGGCCTCATCACACTGGGCTGGATTCTACTACCCACACAGACCGGCTTTCTCTCC
AGTGTGACCTACACACTCACTGCTTTACCAGATGATGTTGCCAGAGTCACTAGCCATTGTTTGTCC
CCCAAGTTCAGGAACTGGATTCTTTAACTAACTGACCATGGACTAGAGGAGATTTCTTCTGTGCGC
CAGAAAGGATTTTCATCCACACAGCAAGGATCCACCTCTGTTCTGTAGCTGCAGCCACGTGACTGTTGTG
GACAGAGCAGTGACCATCACAGACCTTCGATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	□
ACCN:	NM_201647
Insert Size:	1275 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:	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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_201647.2</a>
RefSeq Size:	6277 bp
RefSeq ORF:	1275 bp
Locus ID:	10617
UniProt ID:	<a href="#">O95630</a>
Cytogenetics:	2p13.1
Protein Families:	Druggable Genome
Protein Pathways:	Endocytosis
MW:	48.1 kDa

**Gene Summary:**

Cytokine-mediated signal transduction in the JAK-STAT cascade requires the involvement of adaptor molecules. One such signal-transducing adaptor molecule contains an SH3 domain that is required for induction of MYC and cell growth. The protein encoded by this gene binds to the SH3 domain of the signal-transducing adaptor molecule, and plays a critical role in cytokine-mediated signaling for MYC induction and cell cycle progression. Multiple alternatively spliced transcript variants encoding the same protein isoform have been found for this gene. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 3. Variants 1, 2 and 3 encode the same protein.