

Product datasheet for RC201090L3

OriGene Technologies, Inc.

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AMSH (STAMBP) (NM_201647) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: AMSH (STAMBP) (NM_201647) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: AMSH

Synonyms: AMSH; MICCAP

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

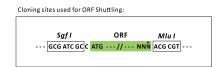
E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC201090).

Sequence:

Sgfl-Mlul

Restriction Sites: Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_201647

ORF Size: 1272 bp





AMSH (STAMBP) (NM_201647) Human Tagged Lenti ORF Clone - RC201090L3

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: 1. Centrifuge at 5,000xg for 5min.

2p13.1

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 201647.1</u>

 RefSeq Size:
 6277 bp

 RefSeq ORF:
 1275 bp

 Locus ID:
 10617

 UniProt ID:
 095630

Cytogenetics:

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]