

## Product datasheet for **RC209475L2V**

### AMSH (STAMPB) (NM\_006463) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	AMSH (STAMPB) (NM_006463) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AMSH
Synonyms:	AMSH; MICCAP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006463
ORF Size:	1272 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209475).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_006463.3</a>
RefSeq Size:	6386 bp
RefSeq ORF:	1275 bp
Locus ID:	10617
UniProt ID:	<a href="#">O95630</a>
Cytogenetics:	2p13.1
Domains:	JAB_MPN
Protein Families:	Druggable Genome



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**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]