

#### OriGene Technologies, Inc.

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# Product datasheet for TP301090M

### AMSH (STAMBP) (NM\_201647) Human Recombinant Protein

#### **Product data:**

Description:Recombinant protein of human STAM binding protein (STAMBP), transcript variant 2, 100 µgSpecies:HumanExpression Host:HEK293TExpression cDNA Clom or AA Sequence: Red=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)MSDHGDVSLPPEDRVRALSQLGSAVEVNEDIPPRRYFRSGVEIIRMASIYSEEGNIEHAFILYNKYITLF IEKLPKHRDVKSAVIPEKKDTVKKLKEIAFPKAELKAELLKRYTKEYTEYNEEKKKEAEELARNMAIQQ ELEKEKQRVAQQQQQLEQEQFHAFEEMIRNQELEKERLKNQEGKUPOGLGOPLVPDLEKPSLDVFpT TGGICGKLMRNEFTITHVLIPKQSAGSDYCNTENEEELFLIQDQQGITIGWIHTHPTQTAFLSSVDIH THCSYQDMLPESVAIVCSPKFQGTGFFKLTDHGLEEISSCRQKGFHPHSKDPPLFCSCSHVTVDRAVTI TGILTag:CMy/DDKPredicted MW:20.50 µg/µL as determined by microplate BCA methodPurity:20.50 µg/µL as determined by SDS-PAGE and Coomassie blue stainingBuffer:20.50 µg/µL as determined by SDS-PAGE and Coomassie blue stainingPurity:80% as determined by SDS-PAGE and Coomassie blue stainingPurity:50 montini protein was captured through anti-DDK affinity column followed by conventional chromatograph steps.Note:Foreaminal culture applications, please filter before use. Note that you may experience some os or protein during the filtration process.Storage:Storage:Stole for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 964010	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression CDNA CloonRC201090 protein sequenceRed=Cloning site Green=Tags(s)RSDHGDVSLPPEDRVRALSQLGSAVEVNEDIPPRNYFRSGVEIIRMASIYSEGNIEHAFILYNKYITJFIEKLPKHRDYXSAVIPEKKDTVKKLKEIAFPKAEELXAFLLKRYTKYTYNEEKKKEAEELARNMAIQQELEKEKQRVAQQKQQLEQCFHAFEEMIRNQELEKERLKIVQEFGKVDPGLGGPLVPDLEKPSLDVFPTLTVSSIQPSDCHTTVRPAKPPVVDRSLKPGALSNSESIPTIDGLRHVVVPGRLCPQFLQASANTARGVETCGILCGKLMRNEFTITHVLIPKQSAGSDYCNTENEEELFLIQDQQGLITLGWIHTHPTQTAFLSSVDLHTHSPLEQKLISEEDLAANDILDYKDDDDKVPredicted MW:7.9 kDaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by microplate BCA methodPoreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sor net esting in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stora et.as0°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.	Description:	Recombinant protein of human STAM binding protein (STAMBP), transcript variant 2, 100 $\mu g$
Expression cDNA GlowReC201090 protein sequence Red=Cloning site Green=Tags(s)MSDHGDVSLPPEDRVRALSQLGSAVEVNEDIPPRRYFRSGVEIIRMASIYSEEGNIEHAFILVNKYITLF IEKLPKHRDVKSAVIPEKKDTVKKLKEIAFPKAEELKAELLKRYTKEYTEYNEEKKKEAEELARNMAIQQ ELEKEKQRVAQQKQQQLEQCFHAFEEMIRNQELEKERLKIVQEFGKVDPGLGGPLVPDLEKPSLDVPFT LTVSSIQPSDCHTTVRPAKPPVVDRSLKPGALSNSESIPTIDGLRHVVVPGRLCPQFLQLASANTARGVE TCGILCGKLMRNEFTITHVLIPKQSAGSDYCNTENEEELFLIQDQQGLITLGWIHTHPTQTAFLSSVDLH THCSYQMMLPESVAIVCSPKFQETGFFKLTDHGLEEISSCRQKGFHPHSKDPPLFCSCSHVTVDRAVTI TDLRTag:CMyc/DDKFredicted MW:4.7.9 kDa6.005 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by microplate BCA methodPreparation:6combinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stora + 80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.	Species:	Human
or AA Sequence:Red=Cloning site Green=Tags(s)MSDHGDVSLPPEDRVRALSQLGSAVEVNEDIPPRRYFRSGVEIIRMASIYSEEGNIEHAFILYNKYITLF IEKLPKHRDYKSAVIPEKKDTVKKLKEIAFPKAEELKAELLKRYTKEYTEYNEEKKKEAEELARNMAIQQ ELEKEKQRVAQQKQQLEQEQHHAFEEMIRNQELEKERLKIVQEFGKVDPGLGGPLVPDLEKPSLDVFPT LTVSSIQPSDCHTTVRPAKPPVDRSLKPGALSNSESIPTIDGLRHVVVPGRLCPQFLQLASANTARGVE TCGILCGKLMRNEFTITHVLIPKQSAGSDYCNTENEEELFLIQDQQGLITLGWIHTHPTQTAFLSSVDLH THCSYQMMLPESVAIVCSPKFQETGFFKLTDHGLEEISSCRQKGFHPHSKDPPLFCSCSHVTVVDRAVTI TDLRTag:C-Myc/DDKPredicted MW:47.9 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stole for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.	Expression Host:	HEK293T
IEKLPKHRDYKSAVIPEKKDTVKKLKEIAFPKAEELKAELLKRYTKEYTEYNEEKKKEAEELARNMAIQQ ELEKEKQRVAQQKQQLEQEQFHAFEEMIRNQELEKERLKIVQEFGKVDPGLGGPLVPDLEKPSLDVFPT LTVSSIQPSDCHTTVRPAKPPVDRSLKPGALSNSESIPTIDGLRHVVVPGRLCPQFLQLASANTARGVE TCGILCGKLMRNEFTITHVLIPKQSAGSDYCNTENEEELFLIQDQQGLITLGWIHTHPTQTAFLSSVDLH THCSYQMMLPESVAIVCSPKFQETGFFKLTDHGLEEISSCRQKGFHPHSKDPPLFCSCSHVTVDRAVTI TDLRTag:C-Myc/DDKTag:0.05 µg/µL as determined by microplate BCA methodPredicted MW:30% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Store at -80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.	•	
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Predicted MW:47.9 kDaConcentration:>0.05 μg/μL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Store at -80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.		TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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Preparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Store at -80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.	Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.	Note:	
handling conditions. Avoid repeated freeze-thaw cycles.	Storage:	Store at -80°C.
<b>RefSeq:</b> <u>NP 964010</u>	Stability:	
	RefSeq:	<u>NP 964010</u>



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	MSH (STAMBP) (NM_201647) Human Recombinant Protein – TP301090M	
Locus ID:	10617	
UniProt ID:	<u>095630</u> , <u>A0A140VK54</u>	
RefSeq Size:	6277	
Cytogenetics:	2p13.1	
RefSeq ORF:	1272	
Synonyms:	AMSH; MICCAP	
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]	
Protein Families:	Druggable Genome	
Protein Pathways	: Endocytosis	

## **Product images:**

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66	_	_
45	_	
35	_	
25	_	
18 -	_	
14	_	

Coomassie blue staining of purified STAMBP protein (Cat# [TP301090]). The protein was produced from HEK293T cells transfected with STAMBP cDNA clone (Cat# [RC201090]) using MegaTran 2.0 (Cat# [TT210002]).

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