

Product datasheet for **TP301090M**

AMSH (STAMPB) (NM_201647) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human STAM binding protein (STAMPB), transcript variant 2, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC201090 protein sequence Red =Cloning site Green =Tags(s) |
| | MSDHGDVSLPPEDRVRALSQLGSAVEVNEDIPRRYFRSGVEIIRMASIYSEEGNIEHAFILYNKYITLF IEKLPKHRDYKSAVIPEKKDVTVKKLKEIAFPKAEELKAELLKRYTKEYTEYNEEKKKEAEELARNMAIQQ ELEKEKQRVAQQKQQLEQEQQFHAFEEEMIRNQELEKERLKIVQEFQKVDPLGGPLVPDLEKPSLDVFPT LTVSSIQPSDCHTTVRPAKPPVDRSLKPGALSNSESIPTIDGLRHVVVPGRLCPQLQLASANTARGVE TCGILCGKLMRNEFTITHVLIPKQSAGSDYCNTEEEELFIQDQQLITLGIWHTHTPTQTAFLSSVDLH THCSYQMMLPESVAIVCSPKFQETGFFKLTDHGLEEISSCRQKGFHPSKDPPLFCSCSHVTVDRAVTI TDLR |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 47.9 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| 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. |
| RefSeq: | <u>NP_964010</u> |



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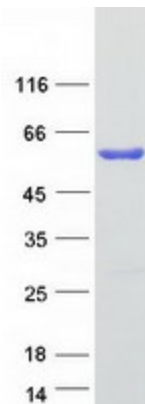
Locus ID: 10617
UniProt ID: [O95630](#), [A0A140VK54](#)
RefSeq Size: 6277
Cytogenetics: 2p13.1
RefSeq ORF: 1272
Synonyms: AMSH; MICCAP

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:



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