

## Product datasheet for PH309475

### AMSH (STAMPB) (NM\_006463) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	STAMPB MS Standard C13 and N15-labeled recombinant protein (NP_006454)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209475
Predicted MW:	48.1 kDa
Protein Sequence:	>RC209475 protein sequence Red=Cloning site Green=Tags(s)

MSDHGDVSLPPEDRVRLSQLGSAVEVNEDIIPRRYFRSGVEIIRMASIYSEEGNIEHAFILYNKYITLF  
IEKLPKHRDYKSAVIPEKKDVTVKLKEIAFPKAEELKAELLKRYTKEYTEYNEEKKKEAEELARNMAIQQ  
ELEKEKQRVAQQKQQLEQEQFHAFEEMIRNQELEKERLKIVQEFGKVDPLGGPLVPDLEKPSLDVFP  
LTVSSIQPSDCHTTVRPAKPPVDRSLKPGALSNSESIPTIDGLRHVVVPGRLCPQFLQLASANTARGVE  
TCGILCGKLMRNEFTITHVLIPKQSAGSDYCNTENEEELFLIQDQQLITLGIHHTPTQTAFSSVDLH  
THCSYQMMLPESVAIVCSPKFQETGFFKLDHGLEEISSCRQGFHPSKDPPLFCSCSHVTVDRAVTI  
TDLR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_006454</a></u>
RefSeq Size:	6386
RefSeq ORF:	1272
Synonyms:	AMSH; MICCAP



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Locus ID: 10617

UniProt ID: [O95630](#), [A0A140VK54](#)

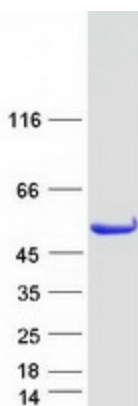
Cytogenetics: 2p13.1

**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# [TP309475]). The protein was produced from HEK293T cells transfected with STAMPB cDNA clone (Cat# [RC209475]) using MegaTran 2.0 (Cat# [TT210002]).