

# Recombinant Human STAMPB Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** STAMPB-1048H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

STAMPB MS Standard C13 and N15-labeled recombinant protein (NP\_006454) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

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.

### Molecular Mass

48.1 kDa

### AA Sequence

MSDHGDVSLPPEDRVRALSQLGSAVEVNEDIPPRRYFRSGVEIIRMASIYSEEGNIEH  
AFILYNKYITLFIEKLPKHRDYKSAVIPEKKDVKKLKEIAFPKAEELKAELLKRYTKEYT  
EYNEEKKKEAEELARNMAIQQELEKEKQ RVAQQKQQQLEQE QFHAF EEMIRNQELE  
KERLKIVQEF GKVDPGLGGPLVPDLEKPSLDVFPTLTVSSIQPSDCHTTVRPAKPPVV  
DRSLKPGALSNSESIPTIDGLRHVVVPGRLCPQFLQLASANTARGVETCGILCGKLM  
RNEFTITHVLIPKQSAGSDYCNTEEEELFIQDQQGLITLGWIHTHPTQT AFLSSVDL

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HTHCSYQMMLPESVAIVCSPKFQETGFFKLTDHGLEEISSCRQKGFHPHSDPPLFC  
SCSHVTVVDRVAVTITDLRTRTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** STAMPB STAM binding protein [ Homo sapiens (human) ]

**Official Symbol** STAMPB

**Synonyms** STAMPB; STAM binding protein; STAM-binding protein; AMSH; endosome-associated ubiquitin isopeptidase; associated molecule with the SH3 domain of STAM; MGC126516; MGC126518;

**Gene ID** 10617

**mRNA Refseq** NM\_006463

**Protein Refseq** NP\_006454

**MIM** 606247

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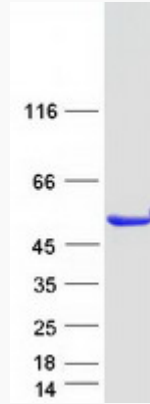
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UniProt ID

O95630

SDS-PAGE



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