

# Recombinant Human TMSB10 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** TMSB10-3451H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | TMSB10 MS Standard C13 and N15-labeled recombinant protein (NP_066926) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                           |
| <b>Species</b>          | Human                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                         |
| <b>Description</b>      | Plays an important role in the organization of the cytoskeleton. Binds to and sequesters actin monomers (G actin) and therefore inhibits actin polymerization (By similarity). |
| <b>Molecular Mass</b>   | 5 kDa                                                                                                                                                                          |
| <b>AA Sequence</b>      | MADKPDMGEIASFDKAKLKKKTETQEKNLPTKETIEQEKRSEISTRTRPLEQKLISEE<br>DLAANDILDYKDDDDKV                                                                                                |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                    |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                     |
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                    |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA                                                                                                                                                  |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

## GENE INFORMATION

**Gene Name** TMSB10 thymosin beta 10 [ Homo sapiens (human) ]

**Official Symbol** TMSB10

**Synonyms** TMSB10; thymosin beta 10; thymosin beta-10; TB10; migration-inducing gene 12; migration-inducing protein 12; MIG12;

**Gene ID** 9168

**mRNA Refseq** NM\_021103

**Protein Refseq** NP\_066926

**MIM** 188399

**UniProt ID** P63313

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