

## Product datasheet for **TP305097L**

### Thymosin beta 10 (TMSB10) (NM\_021103) Human Recombinant Protein

#### Product data:

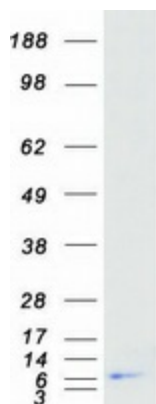
|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant protein of human thymosin beta 10 (TMSB10), 1 mg  |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC205097 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MADKPDMGGEIASFDKAKLKKKTETQEKNLPTKETIEQEKRSEIS<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-Myc/DDK   |
| Predicted MW:                         | 4.8 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:                               | <a href="#">NP_066926</a>   |
| Locus ID:                             | 9168  |
| UniProt ID:                           | <a href="#">P63313</a>  |
| RefSeq Size:                          | 482   |
| Cytogenetics:                         | 2p11.2  |



[View online »](#)

|             |   |
|-------------|---|
| RefSeq ORF: | 132   |
| Synonyms:   | MIG12; TB10   |
| Summary:    | 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).<br>[UniProtKB/Swiss-Prot Function] |

### Product images:



Coomassie blue staining of purified TMSB10 protein (Cat# [TP305097]). The protein was produced from HEK293T cells transfected with TMSB10 cDNA clone (Cat# [RC205097]) using MegaTran 2.0 (Cat# [TT210002]).