# Recombinant Human TRIM10 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** TRIM10-991H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | TRIM10 MS Standard C13 and N15-labeled recombinant protein (NP_439893) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells. |
| **Species** | Human |
| **Source** | HEK293 |
| **Description** | The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein localizes to cytoplasmic bodies. Studies in mice suggest that this protein plays a role in terminal differentiation of erythroid cells. Alternate splicing of this gene generates two transcript variants encoding different isoforms. |
| **Molecular Mass** | 45.3 kDa |
| **AA Sequence** | MASAASVTSLADEVNCPICQGTLREPVTIDCGHNFCRACLTRYCEIPGPDLEESPTC PLCKEPFRPGSFRPNWQLANVVENIERLQLVSTLGLGEEDVCQEHGEKIYFFCEDD EMQLCVVCREAGEHATHTMRFLEDAAAPYREQIHKCLKCLRKEREEIQEIQSRENKR MQVLLTQVSTKRQQVISEFAHLRKFLEEQQSILLAQLESQDGDILRQRDEFDLLVAGE ICRFSALIEELEEKNERPARELLTDIRSTLIRCETRKCRKPVAVSPELGQRIRDFPQQA LPLQREMKMFLEKLCFELDYEPAHISLDPQTSHPKLLLSEDHQRAQFSYKWQNSPD NPQRFDRATCVLAHTGITGGRHTWVWMARVPGDSGCCQFCSPPSVLGTEVAATRT |

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| | RPLEQKLISEEDLAANDILDYKDDDDKV |
| **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

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| **Gene Name** | TRIM10 tripartite motif containing 10 [ Homo sapiens (human) ] |
| **Official Symbol** | TRIM10 |
| **Synonyms** | TRIM10; tripartite motif containing 10; RNF9, tripartite motif containing 10; tripartite motif-containing protein 10; HERF1; RFB30; Zn-finger protein; ring finger protein 9; B30-RING finger protein; hematopoietic RING finger 1; tripartite motif protein 10; tripartite motif-containing 10; RNF9; MGC141979; |
| **Gene ID** | 10107 |
| **mRNA Refseq** | NM_052828 |
| **Protein Refseq** | NP_439893 |
| **MIM** | 605701 |

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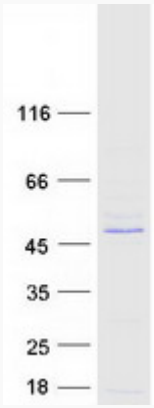
| **UniProt ID** | Q9UDY6 |
| **SDS-PAGE** |  |



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