

# Recombinant Full Length Human TRIM28 Protein, C-Flag-tagged

**Cat. No.** TRIM28-218HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human TRIM28 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | <p>The protein encoded by this gene mediates transcriptional control by interaction with the Kruppel-associated box repression domain found in many transcription factors.</p> <p>The protein localizes to the nucleus and is thought to associate with specific chromatin regions. The protein is a member of the tripartite motif family. This tripartite motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region.</p> |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 88.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MAASAAAASAAAASAASGSPGPGEGSAGGEKRSTAPSAAASASASAAASSPAGGG<br>AEALELLEHCGVCRE RLRPEREPRLLPCLHSACSACLGPAAAPAAANSSGDGGAAG<br>DGTVVDCPVCKQQCFSKDIVENYFMRDSGS KAATDAQDANQCCTSCEDNAPATSY<br>CVECSEPLCETCVEAHQRVKYTKDHTVRSTGPAKSRDGERTVYCN VHKHEPLVLF<br>CESCDTLTCRDCQLNAHKDHQYQFLEDAVRNQKLLASLVKRLGDKHATLQKSTKE<br>VRSS IRQVSDVQKRVQVDVKMAILQIMKELNKRGRVLVNDAAQKVTEGQQERLERQ                                                                                                            |

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

HWTMTKIQKHQEHILRFAS WALESNNNTALLLSKKLIYFQLHRALKMIVDPVEPHGE  
 MKFQWDLNAWTKSAEAFGKIVAERPGTNSTGP APMAPPRAPGPLSKQSGSSQP  
 MEVQEGYGFGSGDDPYSSAEPHVSGVKRSRSGEGEVSGLMRKVPRVSL ERLDLD  
 LTADSQPPVFKVFPGSTTEDYNLIVIERGAAAAATGQPGTAPAGTPGAPPLAGMAIV  
 KEEETEA AIGAPPTATEGPETKPVLMAAEGPGAEGPRLASPSGSTSSGLEVVAPE  
 GTSAPGGGPGTLDDSATICRV CQKPGDLVMCNQCEFCFHLDCPLALQDVPGEE  
 WSCSLCHVLPDLKEEDGSLSLDGADSTGVVAKLSPAN QRKCERVLLALFCHEPCR  
 PLHQLATDSTFSLDQPGGTLDLTLIRARLQEKLSPPYSSPQEFAQDVGRMFK QFNK  
 LTEDKADVQSIIGLQRRFFETRMNEAFGDTKFSAVLVEPPPMSLPGAGLSSQELSGGP  
 GDGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>          | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>      | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Protein Families</b> | Protein Kinase, Stem cell - Pluripotency, Transcription Factors                                                                               |
| <b>Full Length</b>      | Full L.                                                                                                                                       |

## GENE INFORMATION

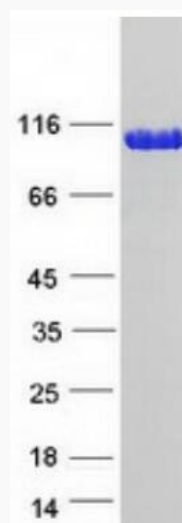
**Gene Name** TRIM28 tripartite motif containing 28 [ Homo sapiens (human) ]

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|                        |                                              |
|------------------------|----------------------------------------------|
| <b>Official Symbol</b> | TRIM28                                       |
| <b>Synonyms</b>        | KAP1; TF1B; RNF96; TIF1B; PPP1R157; TIF1beta |
| <b>Gene ID</b>         | 10155                                        |
| <b>mRNA Refseq</b>     | NM_005762.3                                  |
| <b>Protein Refseq</b>  | NP_005753.1                                  |
| <b>MIM</b>             | 601742                                       |
| <b>UniProt ID</b>      | Q13263                                       |



Coomassie blue staining of purified TRIM28 protein.

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