

# Recombinant Human TRIM3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TRIM3-3752H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	TRIM3 MS Standard C13 and N15-labeled recombinant protein (NP_150594) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>The protein encoded by this gene is a member of the tripartite motif (TRIM) family, also called the 'RING-B-box-coiled-coil' (RBCC) subgroup of RING finger proteins. 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 filaments. It is similar to a rat protein which is a specific partner for the tail domain of myosin V, a class of myosins which are involved in the targeted transport of organelles. The rat protein can also interact with alpha-actinin-4. Thus it is suggested that this human protein may play a role in myosin V-mediated cargo transport. Alternatively spliced transcript variants encoding the same isoform have been identified.</p>
<b>Molecular Mass</b>	80.6 kDa
<b>AA Sequence</b>	<p>MAKREDSPGPEVQPMDKQFLVCSICLDRYQCPKVLPC LH TFCERCLQNYIPAQSLTL            SCPVCRQTSILPEQGV SALQNNFFISSLMEAMQQAPDGAHDPEDPHPLSVVAGRPL            SCPNHEGKTMEFYCEACETAMCGECRAGEHREHGTVLLRDVVEQHKAALQRQLEA            VRGRLPQLSAAIALVGGISQQLQERKAEALAQISAAFEDLEQALQQRKQALVSDLETI</p>

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CGAKQKVLQSQLDTRLRQGQEHIGSSCSFAEQALRLGSAPEVLLVRKHMRRERLAALA  
 AQAFPERPHENAQLELVLEVDGLRRSVLNLGALLTTSATAHETVATGEGLRQALVG  
 QPASLTVTTKDKDGRLVRTGSAELRAEITGPDGTRLPVPVVDHKNNGTYELVYTARTE  
 GELLSVLLYGQPVRGSPFRVRALRPGDLPPSPDDVKRRVKSPGGPGSHVRQKAV  
 RRPSSMYSTGGKRKDNPIEDELVFRVGSRGREKGEFTNLQGVSAASSGRIVVADSN  
 NQCIQVFSNEGQFKFRFGVRGRSPGQLQRPTGVAVDNNGDIIVADYDNRWVSIFSP  
 EGKFKTKIGAGRLMGPKGVAVDRNGHIIVVDNKSCCVFTFQPNGKLVGRFGGRGAT  
 DRHFAGPHFVAVNNKNEIVVTDHFNHSHVSVYADGEFLFKFGSHGEGNGQFNAPT  
 GVAVDSNGNIIVADWGNRSRIQVFDSSGSFLSYINTSAEPLYGPQGLALTS DGHVVVA  
 DAGNHCFKAYRYLQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**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** TRIM3 tripartite motif containing 3 [ Homo sapiens (human) ]

**Official Symbol** TRIM3

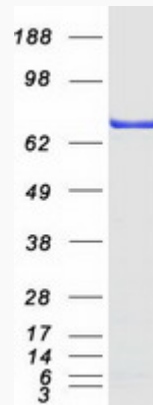
**Synonyms** TRIM3; tripartite motif containing 3; RNF22, tripartite motif containing 3; tripartite motif-containing protein 3; BERP; brain expressed ring finger; HAC1; ring finger protein 22; RNF97; tripartite motif protein TRIM3; RING finger protein 97; tripartite

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motif-containing 3; brain-expressed RING finger protein; RNF22; FLJ16135;

**Gene ID** 10612**mRNA Refseq** NM\_033278**Protein Refseq** NP\_150594**MIM** 605493**UniProt ID** O75382**SDS-PAGE** 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