

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

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

SPECIFICATION

Product Overview	TRIM3 MS Standard C13 and N15-labeled recombinant protein (NP_150594) 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, 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.
Molecular Mass	80.6 kDa
AA Sequence	MAKREDSPGPEVQPMQKQFLVCSICLDYQCPKVLPLHTFCERCLQNYIPAQSLTL SCPVCRQTSILPEQGVSAQQNNFFISSLMQAMQAPDGAHDPEDPHPLSVVAGRPL SCPNHEGKTMEFYCEACETAMCGECRAGEHREHGTVLLRDVVEQHKAALQRQLEA VRGRLPQLSAAIALVGGISQQLQERKAEALQISAAFEDLEQALQQRKQALVSDLETI

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

CGAKQKVLQSQDLTLRQGQEHIGSSCSFAEQALRLGSAPEVLLVRKHMRRERLAALA
 AQAFPERPHENAQLELVLEVDGLRRSVLNLGALLTTSATAHETVATGEGLRQALVG
 QPASLTVTTKDKDGRLLVRTGSAELRAEITGPDGTRLPVPVVDHKNNGTYELVYTARTE
 GELLVSVLLYGQPVRGSPFRVRALRPGDLPPSPDDVKRRVKSPGGPGSHVRQKAV
 RRPSSMYSTGGKRKDNPIEDELVFRVGSRGREKGEFTNLQGVSAASSGRIVVADSN
 NQCIQVFSNEGQFKFRFGVRGRSPGQLQRPTGVAVDNNGDIIVADYDNRWVSIFSP
 EGKFKTKIGAGRLMGPKGVAVDRNGHIIVVDNKSCCVFTFQPNGKLVGRFGGRRGAT
 DRHFAGPHFVAVNNKNEIVVTDHFNHNSVKVYSADGEFLFKFGSHGEGNGQFNAPT
 GVAVDSNGNIIVADWGNRSRIQVFDSSGSFLSYINTSAEPLYGPQGLALTSDGHVVVA
 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

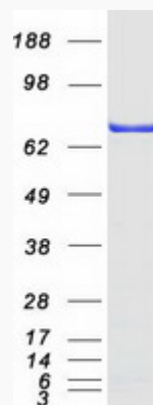
mRNA Refseq NM_033278

Protein Refseq NP_150594

MIM 605493

UniProt ID O75382

SDS-PAGE



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