

Recombinant Human TRIM55 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TRIM55-6524H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

TRIM55 MS Standard C13 and N15-labeled recombinant protein (NP_908974) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This protein associates transiently with microtubules, myosin, and titin during muscle sarcomere assembly. It may act as a transient adaptor and plays a regulatory role in the assembly of sarcomeres. Four alternatively spliced transcript variants encoding distinct isoforms have been described.

Molecular Mass

50.8 kDa

AA Sequence

MSASLNYKSFSKEQQTMDNLEKQLICPICLEMFTKPVVILPCQHNLCKRCASDIFQAS
 NPYLPTRGGTTMASGGRFRCPSRHEVVLDHRHGVYGLQRNLLVENIIDYKQESTRP
 EKKSDQPMCEEHEEERINNYCLNCEVPTCSLCKVFGAHKDCQVAPLTHVFQRQKSE
 LSDGIAILVGSNDRVQGVISQLEDTCKTIECCRKQKQELCEKFDYLYGILEERKNEM
 TQVITRTQEEKLEHVRALIKKYSDHLENVSKLVESGIQFMDEPEMAVFLQNAKTLKKI
 SEASKAFQMEKIEHGYENMNHFTVNLNREEKIIREIDFYREDEDEEEEGEGEKEG
 EGEVGGAEVEVEVENVQTEFPGEDENPEKASELSQVELQAAPGALPVSSPEPPPA

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LPPAADAPVTQIGFEAPPLQGQAAAAPASGSGADSEPARHIFSFWLNSLNETRTRPL
EQKLISEEDLAANDILDYKDDDDKV

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 TRIM55 tripartite motif containing 55 [Homo sapiens (human)]

Official Symbol TRIM55

Synonyms TRIM55; tripartite motif containing 55; ring finger protein 29, RNF29, tripartite motif containing 55; tripartite motif-containing protein 55; MURF 2; ring finger protein 29; muscle specific ring finger 2; tripartite motif-containing 55; muscle-specific RING finger protein 2; RNF29; muRF2; MURF-2;

Gene ID 84675

mRNA Refseq NM_184086

Protein Refseq NP_908974

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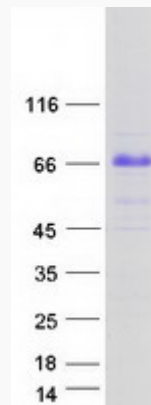
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MIM 606469

UniProt ID Q9BYV6

SDS-PAGE



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