

Recombinant Human TRIM6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TRIM6-3918H Lot. No. (See product label)

SPECIFICATION

Product Overview

TRIM6 MS Standard C13 and N15-labeled recombinant protein (NP_477514) 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, B-box type 1 and B-box type 2 domain, and a coiled-coil region. The protein localizes to the nucleus, but its specific function has not been identified. This gene is mapped to chromosome 11p15, where it resides within a TRIM gene cluster. Alternative splicing results in multiple transcript variants. A read-through transcript from this gene into the downstream TRIM34 gene has also been observed, which results in a fusion product from these neighboring family members.

Molecular Mass

56.2 kDa

AA Sequence

MTSPVLVDIREEVTCPICLELLTEPLSIDCGHSFCQACITPNGRESVIGQEGERSCPV
CQTSYQPGNLRPNRHLANIVRRLREVVLGPGKQLKAVLCADHGEKLQLFQEDGKV
ICWLCERSQEHRGHHTFLVEEVAQEYQKFQESLKKLKNEEQEAEKLTAFIGREKTS
WKNQMEPERCRIQTEFNQLRNILDRVEQRELKLEQEEKKGLRIIEEAENDLVHQTQ
SLRELISDLERRCQGSTMELLQDVSDVTERSEFWTLRKPEALPTKLRSMPFRAPDLKR

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MLRVCRELTDVQSYWVDVTLNPHTANLNLVLAKNRRQVRFVGAKEVSGPSCLEKHY
 DCSVLGSQHFSSGKHYYWEVDVAKKTAWILGVCSNSLGPTFSFNHFAQNHSAYSRY
 QPQSGYWVIGLQHNHEYRAYEDSSPSLLLSMTVPPRRVGVFLDYEAGTVSFYNVTN
 HGFPIYTFSKYYFPTTLCPYFNPCNCVIPMTLRRPSSTRTRPLEQKLISEEDLAANDIL
 DYKDDDDKV

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 TRIM6 tripartite motif containing 6 [Homo sapiens (human)]

Official Symbol TRIM6

Synonyms TRIM6; tripartite motif containing 6; tripartite motif-containing protein 6; RNF89; RING finger protein 89; tripartite motif-containing 6;

Gene ID 117854

mRNA Refseq NM_058166

Protein Refseq NP_477514

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MIM 607564

UniProt ID Q9C030

SDS-PAGE



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