OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for PH317536

TRIM68 (NM_018073) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TRIM68 MS Standard C13 and N15-labeled recombinant protein (NP_060543)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217536
Predicted MW:	56.1 kDa
Protein Sequence:	>RC217536 representing NM_018073 Red=Cloning site Green=Tags(s) MDPTALVEAIVEEVACPICMTFLREPMSIDCGHSFCHSCLSGLWEIPGESQNWGYTCPLCRAPVQPRNLR PNWQLANVVEKVRLLRLHPGMGLKGDLCERHGEKLKMFCKEDVLIMCEACSQSPEHEAHSVVPMEDVAWE YKWELHEALEHLKKEQEEAWKLEVGERKRTATWKIQVETRKQSIVWEFEKYQRLLEKKQPPHRQLGAEVA AALASLQREAAETMQKLELNHSELIQQSQVLWRMIAELKERSQRPVRWMLQDIQEVLNRSKSWSLQQPEP ISLELKTDCRVLGLREILKTYAADVRLDPDTAYSRLIVSEDRKRVHYGDTNQKLPDNPERFYRYNIVLGS QCISSGRHYWEVEVGDRSEWGLGVCKQNVDRKEVVYLSPHYGFWVIRLRKGNEYRAGTDEYPILSLPVPP RRVGIFVDYEAHDISFYNVTDCGSHIFTFPRYPFPGRLLPYFSPCYSIGTNNTAPLAICSLDGED TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060543
RefSeq Size:	3321
RefSeq ORF:	1455
Synonyms:	GC109; RNF137; SS-56; SS56

View online »

Locus ID: 55128

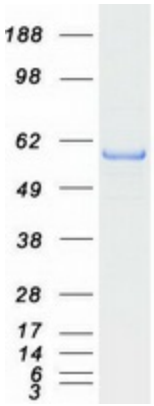
UniProt ID: Q6AZZ1

Cytogenetics: 11p15.4

Summary: This gene encodes a member of the tripartite motif-containing protein family, whose members are characterized by a "really interesting new gene" (RING) finger domain, a zinc-binding B-box motif, and a coiled-coil region. Members of this family function as E3 ubiquitin ligases and are involved in a broad range of biological processes. This gene regulates the activation of nuclear receptors, such as androgen receptor, and has been implicated in development of prostate cancer cells, where its expression increases in response to a downregulation of microRNAs. In addition, this gene participates in viral defense regulation as a negative regulator of interferon-beta. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified TRIM68 protein (Cat# [TP317536]). The protein was produced from HEK293T cells transfected with TRIM68 cDNA clone (Cat# [RC217536]) using MegaTran 2.0 (Cat# [TT210002]).