

Product datasheet for **TP317536**

TRIM68 (NM_018073) Human Recombinant Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human tripartite motif-containing 68 (TRIM68), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC217536 representing NM_018073 Red =Cloning site Green =Tags(s) |

MDPTALVEAIVEEVACPICMTFLREPMSSIDCGHSFCHSCLSGLWEIPGESQNWGYTCPLCRAPVQPRNLR
PNWQLANVVEKVRLLRLHPGMGLKGDLCERHGEKLMFCKEDVLIMCEACSQSPEHEAHSVPMEDVAWE
YKWELHEALEHLKKEQEEAWKLEVGERKRTATWKIQVETRKQSIVWEFEKYQRLLLEKKQPPHRQLGAEVA
AALASLQREAAETMQKLELNHSELIQSQVLWRMIAELKERSQRPVRWMLQDIQEVLNRSKSWSLQQPEP
ISLELKTDCRVLGLREILKTYAADVRLDPDTAYSRLVSEDRKRVHYGDTNQKLPDNPFRFYRNIVLGS
QCISGRHYWEVEVGDRSEWGLGVCKQNVDRKEVVYLSPHYGFWWIRLRKRGNEYRAGTDEYPILSLPVPP
RRVGIFVDYEAHDISFYNVTDGSHIFTPRYPFPGRLLPYFSPCYSIGTNTAPLAICSLDGED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 56.1 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_060543</u> |



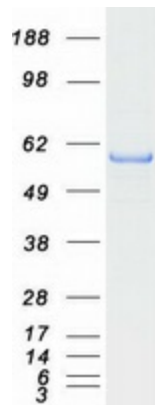
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Locus ID: 55128
UniProt ID: [Q6AZZ1](#)
RefSeq Size: 3321
Cytogenetics: 11p15.4
RefSeq ORF: 1455
Synonyms: GC109; RNF137; SS-56; SS56

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]).