

Recombinant Human tripartite motif containing 68 Protein, GST tagged

Cat. No. TRIM68-13H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human TRIM68 partial ORF (NP_060543, 181 a.a. - 280 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ (in vitro).
Species	Human
Source	Wheat Germ
ProteinLength	181-280aa
Description	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.
Tag	N-GST
Molecular Mass	36.74 kDa
AA Sequence	KQSIVWEFEKYQRLLEKKQPPHRQLGAEVAAALASLQREAAETMQKLELNHSELIQQ

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	SQVLWRMIAELKERSQRPVRWMLQDIQEVLNRSKSWSLQQPEP
Quality Control Testing	12.5 % SDS-PAGE Stained with Coomassie Blue.
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	TRIM68 tripartite motif containing 68 [Homo sapiens (human)]
Official Symbol	TRIM68
Synonyms	TRIM68; tripartite motif containing 68; ring finger protein 137 , RNF137, tripartite motif containing 68; E3 ubiquitin-protein ligase TRIM68; FLJ10369; SS 56; SSA protein SS-56; Ro/SSA1 related protein; ring finger protein 137; tripartite motif-containing 68; tripartite motif-containing protein 68; SS56; GC109; SS-56; RNF137; MGC126176;
Gene ID	55128
mRNA Refseq	NM_018073

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Protein Refseq	NP_060543
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MIM	613184
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UniProt ID	Q6AZZ1
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