

Recombinant Human BTG2 293 Cell Lysate

Cat. No. BTG2-8392HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for BTG family, member 2 (BTG2) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

BTG2 BTG family, member 2 [Homo sapiens]

Official Symbol

BTG2

Synonyms

BTG2; BTG family, member 2; protein BTG2; B cell translocation gene 2; MGC126063; MGC126064; nerve growth factor inducible anti proliferative; NGF inducible anti proliferative protein PC3; PC3; pheochromacytoma cell 3; TIS21; pheochromacytoma cell-3; B-cell translocation gene 2; NGF-inducible anti-proliferative protein PC3; nerve growth factor-inducible anti-proliferative;

Gene ID

7832

mRNA Refseq

NM_006763

Protein Refseq

NP_006754

MIM

601597

UniProt ID

P78543

**Chromosome
Location**

1q32

Pathway

Direct p53 effectors, organism-specific biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem;

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Function

RNA polymerase II core promoter proximal region sequence-specific DNA binding
transcription factor activity involved in positive regulation of transcription;

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