

Recombinant Human BTG1, GST-tagged

Cat. No. BTG1-10319H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTG1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-171a.a.
Description	This gene is a member of an anti-proliferative gene family that regulates cell growth and differentiation. Expression of this gene is highest in the G0/G1 phases of the cell cycle and downregulated when cells progressed through G1. The encoded protein interacts with several nuclear receptors, and functions as a coactivator of cell differentiation. This locus has been shown to be involved in a t(8;12)(q24;q22) chromosomal translocation in a case of B-cell chronic lymphocytic leukemia.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4, 17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	BTG1 B-cell translocation gene 1, anti-proliferative [Homo sapiens]
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Official Symbol	BTG1
Synonyms	BTG1; B-cell translocation gene 1, anti-proliferative; protein BTG1; B-cell translocation gene 1 protein;
Gene ID	694
mRNA Refseq	NM_001731
Protein Refseq	NP_001722
MIM	109580
UniProt ID	P62324
Chromosome Location	12q22
Pathway	Diurnally regulated genes with circadian orthologs, organism-specific biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem;
Function	enzyme binding; kinase binding; protein binding; transcription cofactor activity;

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