

Recombinant Full Length Human BTG1 Protein, GST-tagged

Cat. No. BTG1-1669HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BTG1 full-length ORF (AAH16759, 1 a.a. - 171 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	171 amino acids
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.
Molecular Mass	44.55 kDa
AA Sequence	MHPFYTRAAT MIGEIAAAVS FISKFLRTKG LTSERQLQTF SQSLQELLAE HYKHHWFPEK PCKGSGYRCI RINHKMDPLI GQAAQRIGLS SQELFRLLP ELTLWVDPYE VSYRIGEDGS ICVLYEASPA GGSTQNSTNV QMVDSRISCK EELLGRTSP SKNYNMMTVS G
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	BTG1 B-cell translocation gene 1, anti-proliferative [Homo sapiens]
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

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