

## Product datasheet for **TP760502**

### **BTG1 (NM\_001731) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human B-cell translocation gene 1, anti-proliferative (BTG1), with N-terminal HIS tag, expressed in E.Coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length BTG1
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	19 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001722</a>
<b>Locus ID:</b>	694
<b>UniProt ID:</b>	<a href="#">P62324</a> , <a href="#">Q12799</a> , <a href="#">Q6IBC8</a>
<b>RefSeq Size:</b>	4704
<b>Cytogenetics:</b>	12q21.33
<b>RefSeq ORF:</b>	513
<b>Synonyms:</b>	APRO2



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**Summary:**

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. [provided by RefSeq, Oct 2008]

**Protein Families:**

Transcription Factors

**Product images:**