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## Recombinant human BTG2 protein, N-His

Catalog Number: bs-42507P

Concentration: >1mg/ml

Species: Human

AA Seq: 1-158/158

Predicted MW: 24 kDa

Tags: N-His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Liquid

Storage: 20mM Tris-HCl (pH=8.0) with 4M Urea and 150mM NaCl

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** BTG2 is a member of the BTG/Tob family. This family has structurally related proteins that appear to have antiproliferative properties. BTG2 is involved in the regulation of the G1/S transition of the cell cycle. It modulates transcription regulation mediated by ESR1(referenced from Entrez Gene). BTG2 expression is induced in vivo during neurogenesis, and the gene is transiently expressed in vitro in rat pheochromocytoma PC12 cells after induction of neuronal differentiation by addition of nerve growth factor (NGF); suggesting that BTG2 is functionally significant during the neuronal differentiation process (PMID: 12360398).

### VALIDATION IMAGES

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The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.