

## Recombinant Mouse Tbrg1 Protein, Myc/DDK-tagged

**Cat. No.** Tbrg1-6317M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length transforming growth factor beta regulated gene 1 (Tbrg1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Acts as a growth inhibitor. Can activate p53/TP53, causes G1 arrest and collaborates with CDKN2A to restrict proliferation, but does not require either protein to inhibit DNA synthesis. Redistributes CDKN2A into the nucleoplasm. Involved in maintaining chromosomal stability.
<b>Molecular Mass</b>	42.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<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>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

<b>Gene Name</b>	Tbrg1 transforming growth factor beta regulated gene 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Tbrg1
<b>Synonyms</b>	TBRG1; transforming growth factor beta regulated gene 1; transforming growth factor beta regulator 1; nuclear interactor of ARF and Mdm2; Niam; Tb-5; AA408552; AA409675; mFLJ00213
<b>Gene ID</b>	21376
<b>mRNA Refseq</b>	NM_025289
<b>Protein Refseq</b>	NP_079565
<b>UniProt ID</b>	Q3UB74

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