Recombinant Mouse Tbrg1 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	42.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Tbrg1 transforming growth factor beta regulated gene 1 [Mus musculus (house mouse)]
Official Symbol	Tbrg1
Synonyms	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
Gene ID	21376
mRNA Refseq	NM_025289
Protein Refseq	NP_079565
UniProt ID	Q3UB74

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