

## Product datasheet for **TP329201L**

### **TBRG1 (NM\_032811) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human transforming growth factor beta regulator 1 (TBRG1), transcript variant 1, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC229201 representing NM\_032811  
**Red**=Cloning site **Green**=Tags(s)

MSLLDGLASSPRAPLQSSKARMKKLPKKSQNEKYRLKYLRRLRKAATVFENAAICDEIARLEEKFLKAK  
EERRYLLKKLLQLQALTEGEVQAAAPSHSSSLPTYGVASSVGTIQGAGPISGPSTGAEEPFGKKTKEK  
KEKGKENNKLEVLKKTCKKKKMAGGARKLVQPIALDPSGRPVFPIGLGGLTVYSLGEITDRPGFHDESA  
IYPVGYCSTRIYASMKCPDQKCLYTCQIKDGGVQPQFEIVPEDDPQNAIVSSADACHAELLRTISTTMG  
KLMPNLLPAGADFFGFSPHAIHNLIQSCPGARKCINQWVKFDVCKPGDGQLPEGLPENDAAMSFEAFQ  
R  
QIFDEDQNDPLLPGLDLPELQPAAFVSSYQPMYLTHEPLVDTHLQHLKSPSQGSPSIQSSD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 44.8 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

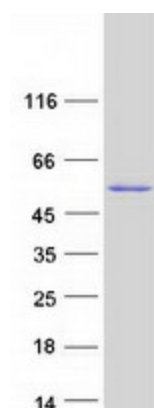
**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	<u>NP_116200</u>
Locus ID:	84897
UniProt ID:	<u>Q3YBR2</u>
Cytogenetics:	11q24.2
RefSeq ORF:	1233
Synonyms:	NIAM; TB-5
Summary:	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. [UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified TBRG1 protein (Cat# [TP329201]). The protein was produced from HEK293T cells transfected with TBRG1 cDNA clone (Cat# [RC229201]) using MegaTran 2.0 (Cat# [TT210002]).