

## Product datasheet for TP329201

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

#### Product data:

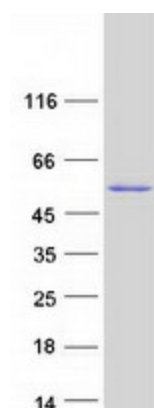
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transforming growth factor beta regulator 1 (TBRG1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC229201 representing NM_032811 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MSLLDGLASSPRAPLQSSKARMKKLPKKSQNEKYRLKYLRRLRKAATVFENAAICDEIARLEEKFLKAK EERRYLLKKLLQLQALTEGEVQAAAPSHSSSLPTYGVASSVGTIQGAGPISGPSTGAEEPFGKKTKEK KEKGKENNKLEVLKKTCKKKKMAGGARKLVQPIALDPSGRPVFPIGLGGLTVYSLGEITDRPGFHDESA IYPVGYCSTRIYASMKCPDQKCLYTCQIKDGGVQPQFEIVPEDDPQNAIVSSADACHAELLRTISTTMG KLMPNLLPAGADFFGFSPHAIHNLIQSCPGARKCINQWVKFDVCKPGDGQLPEGLPENDAAMSFEAFQ R QIFDEDQNDPLLPGLDLPELQPAAFVSSYQPMYLTHEPLVDTHLQHLKSPSQGSPIQSSD  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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]).