

## Product datasheet for **TP301860**

### RRAGB (NM\_006064) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Ras-related GTP binding B (RRAGB), transcript variant RAGBs, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201860 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEESDSEKTEKENLGPRMDPPLGEPESLWVLPNTAMKKKVLLMGKSGSGKTSMRSIIFANYIARDTR  
RLGATIDVEHSHVRFGLNLVNLWDCGGQDTFMENYFTSQRDNIFRNVEVLIYVFDVESRELEKDMHYQ  
SCLEAILQNSPDAKIFCLVHKMDLVQEDQRDLIFKEREEDLRRLSRPLECSCFRTSIWDETLKAWSSIV  
YQLIPNVQQLEMNLRNFAEIIIEADEVLLFERATFLVISHYQCKEQRDAHRFEKISNIIKQFKLSCSKLAA  
SFQSMVRNSNFAAFIDFTSNTYVMVMSDPSIPSAAATLINIRNARKHFEKLERVDGPKQCLLMR

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	40 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:	Recombinant protein 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.
RefSeq:	<a href="#">NP_006055</a>
Locus ID:	10325

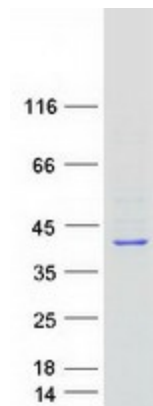


[View online »](#)

UniProt ID: [Q5VZM2](#), [Q5VZM2-2](#)  
RefSeq Size: 2143  
Cytogenetics: Xp11.21  
RefSeq ORF: 1038  
Synonyms: bA465E19.1; RAGB

**Summary:** Ras-homologous GTPases constitute a large family of signal transducers that alternate between an activated, GTP-binding state and an inactivated, GDP-binding state. These proteins represent cellular switches that are operated by GTP-exchange factors and factors that stimulate their intrinsic GTPase activity. All GTPases of the Ras superfamily have in common the presence of six conserved motifs involved in GTP/GDP binding, three of which are phosphate-/magnesium-binding sites (PM1-PM3) and three of which are guanine nucleotide-binding sites (G1-G3). Transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified RRAGB protein (Cat# TP301860). The protein was produced from HEK293T cells transfected with RRAGB cDNA clone (Cat# [RC201860]) using MegaTran 2.0 (Cat# [TT210002]).