

## Product datasheet for **TP323305**

### **RANBP1 (NM\_002882) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human RAN binding protein 1 (RANBP1), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC223305 representing NM\_002882  
**Red**=Cloning site **Green**=Tags(s)

MAAAKDTHEDHDTSTENTDESNHDPQFEPVSLPEQEIKTLEEDEEELFKMRACLFRFASENDLPEWKER  
GTGDVKLLKHKEKGAIRLLMRRDKTLKICANHYITPMELKPNAGSDRAWVWNTHADFADECPKPELLAI  
RFLNAENAQKFKTKFEECRKEIEEREKKAGSGKNDHAEKVAEKLEALSVEETKEDAEKQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 23.1 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:** [NP\\_002873](#)

**Locus ID:** 5902

**UniProt ID:** [P04049](#), [P43487](#), [L7RRS6](#), [A0A140VK94](#)

**RefSeq Size:** 884



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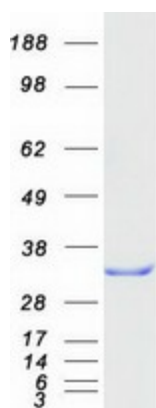
Cytogenetics: 22q11.21

RefSeq ORF: 603

Synonyms: HTF9A

**Summary:** This gene encodes a protein that forms a complex with Ras-related nuclear protein (Ran) and metabolizes guanoside triphosphate (GTP). This complex participates in the regulation of the cell cycle by controlling transport of proteins and nucleic acids into the nucleus. There are multiple pseudogenes for this gene on chromosomes 9, 12, 17, and X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

### Product images:



Coomassie blue staining of purified RANBP1 protein (Cat# TP323305). The protein was produced from HEK293T cells transfected with RANBP1 cDNA clone (Cat# [RC223305]) using MegaTran 2.0 (Cat# [TT210002]).