

## Recombinant Human RANBP1 Protein, His-tagged

**Cat. No.** RANBP1-443H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human RANBP1 protein, fused to His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | 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]. |
| <b>Form</b>             | 25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 23.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                         |

### GENE INFORMATION

|                  |                                        |
|------------------|----------------------------------------|
| <b>Gene Name</b> | RAN binding protein 1 [ Homo sapiens ] |
|------------------|----------------------------------------|

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|                 |              |
|-----------------|--------------|
| Official Symbol | RANBP1       |
| Synonyms        | HTF9A; HTF9A |
| Gene ID         | 5902         |
| mRNA Refseq     | NM_002882.2  |
| Protein Refseq  | NP_002873.1  |
| MIM             | 601180       |
| UniProt ID      | P43487       |

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