

## Recombinant Human TPRKB Protein, GST-Tagged

**Cat. No.** TPRKB-1333H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human TPRKB full-length ORF (NP_057142.1, 1 a.a. - 175 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                            |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                       |
| <b>Description</b>      | TPRKB (TP53RK Binding Protein) is a Protein Coding gene. Among its related pathways are Gene Expression and tRNA processing. GO annotations related to this gene include protein kinase binding. |
| <b>Molecular Mass</b>   | 46.1 kDa                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MQLTHQLDLFPECRVTLFFFKDVKNAGDLRRKAMEGTIDGSLINPTVIVDPFQILVAA<br>NKAHVHLYKLGKMKTRTLSTEIIFNLSPNNNISEALKKFGISANDTSILIVYIEEGEKQINQ<br>EYLISQVEGHQVSLKNLPEIMNITEVKKIYKLSSQEEESIGTLLDAICRMSTKDVL         |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                         |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                         |

 Tel: 1-631-559-9269    1-516-512-3133

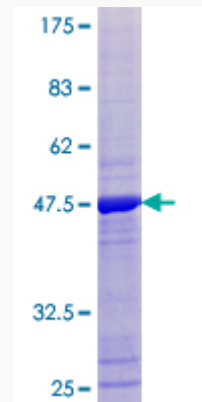
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                        |                                                                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TPRKB TP53RK binding protein [ Homo sapiens ]                                                                                                     |
| <b>Official Symbol</b> | TPRKB                                                                                                                                             |
| <b>Synonyms</b>        | TPRKB; TP53RK binding protein; TP53RK-binding protein; CGI 121; PRPK-binding protein; PRPK (p53-related protein kinase)-binding protein; CGI-121; |
| <b>Gene ID</b>         | 51002                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_016058                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_057142                                                                                                                                         |
| <b>MIM</b>             | 608680                                                                                                                                            |
| <b>UniProt ID</b>      | Q9Y3C4                                                                                                                                            |

### Quality Control Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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