

## Product datasheet for **TP323367**

### PPP1R14B (NM\_138689) Human Recombinant Protein

#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Recombinant Proteins   |
| Description:          | Recombinant protein of human protein phosphatase 1, regulatory (inhibitor) subunit 14B (PPP1R14B), 20 µg |
| Species:              | Human  |
| Expression Host:      | HEK293T  |
| Expression cDNA       | >RC223367 protein sequence   |
| Clone or AA Sequence: | Red=Cloning site Green=Tags(s)   |

MADSGTAGGAALAAPAPGPGSGGPGPRVYFQSPPGAAGEGPGGADDEGPVRRQGKVTVKYDRKELRKRLN  
LEEWILEQLTRLYDCQEEIPELEIDVDELDMESDDARAARVKELLVDCYKPTAFISGLLDKIRGMQK  
LSTPQKK

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

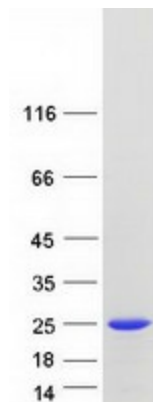
|                |  |
|----------------|--|
| Tag:           | C-Myc/DDK  |
| Predicted MW:  | 15.7 kDa   |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:        | 25 mM Tris-HCl, 100 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_619634</a>  |
| Locus ID:      | 26472  |
| UniProt ID:    | <a href="#">Q96C90</a>   |



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|               |  |
|---------------|--|
| RefSeq Size:  | 1038   |
| Cytogenetics: | 11q13.1  |
| RefSeq ORF:   | 441  |
| Synonyms:     | PHI-1; PLCB3N; PNG; SOM172   |
| Summary:      | Inhibitor of PPP1CA. Has over 50-fold higher inhibitory activity when phosphorylated (By similarity).[UniProtKB/Swiss-Prot Function] |

### Product images:



Coomassie blue staining of purified PPP1R14B protein (Cat# TP323367). The protein was produced from HEK293T cells transfected with PPP1R14B cDNA clone (Cat# [RC223367]) using MegaTran 2.0 (Cat# [TT210002]).