

## Product datasheet for **TP309752M**

### ZNF313 (RNF114) (NM\_018683) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human ring finger protein 114 (RNF114), 100 µg  |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC209752 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | <br>MAAQRDCGGAQLAGPAAEADPLGRFTCPVCLVYEKPVQVPCGHVFCACLQECLKPKKPVCGVCRSA<br>LAPGVRAVELERQIESTETSCHGCRKNFFLSKIRSHVATCSKYQNYIMEGVKATIKDASLQPRNVPNRYT<br>FPCPYCPEKNFDQEGLVEHCKLFHSTDTKSVVCPICASMPWGDPNYRSANFREHIQRRHRSYDTEVDYD<br>VDEEDMMNQVLQRSIIDQ<br><br><b>TRTRPLEQLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 25.5 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_061153</a>  |
| Locus ID:                             | 55905  |
| UniProt ID:                           | <a href="#">Q9Y508</a>   |



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RefSeq Size: 2478

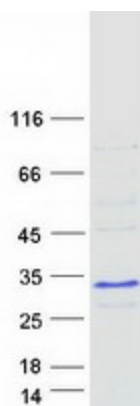
Cytogenetics: 20q13.13

RefSeq ORF: 684

Synonyms: PSORS12; ZNF313

**Summary:** E3 ubiquitin-protein ligase promoting the ubiquitination and degradation of the CDK inhibitor CDKN1A and probably also CDKN1B and CDKN1C. These activities stimulate cell cycle's G1-to-S phase transition and suppress cellular senescence. May play a role in spermatogenesis. [UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified RNF114 protein (Cat# [TP309752]). The protein was produced from HEK293T cells transfected with RNF114 cDNA clone (Cat# [RC209752]) using MegaTran 2.0 (Cat# [TT210002]).