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# Product datasheet for TP508229

## Tti2 (NM_001112729) Mouse Recombinant Protein

### Product data:

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| **Product Type:** | Recombinant Proteins |
| **Description:** | Purified recombinant protein of Mouse TELO2 interacting protein 2 (Tti2), transcript variant 1, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| **Species:** | Mouse |
| **Expression Host:** | HEK293T |
| **Expression cDNA Clone or AA Sequence:** | >MR208229 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MKLDSAEEKSGVGCSLPAEGSPPALEPAFSKILNRLSRPKSSGQGGARNAALKDLGALIEAAEGDRFFEG<br>SGSGGSLRGMPEILGQVVRALEKFAAPEEKADGVEEPPEVPEKATEVGSLFLKLLGKVEAAKSSPDCPAW<br>KTGLRHMSGPVYIFAITHRLKQPWTSPASQHVAGEVLSLLLRVTECSSVAGFLCGENEDDRGRFAVVLGL<br>LKPHLNKETWKKNPAVKHVFSWTLQQVTQPWLNQHLEKILPPSLLISDDYQTENKILGVQCLHHIVVTVP<br>AADLLQYNRAQVLYHALFNHLYMPEHHLIQAVLLCLLDLFPVLEKALHWKGDTARVTTHCHEVLQLILTH<br>MEPEHRLLLRRTYARHLPAFVKRLGILTVRHLKRLEQVILGYLEVYDEPEDETRLKILETLKLVMQYTWP<br>RIPCRVVVLLKALLKLICDISRDTIPTTEAAKSTMLQEATDCLILLDHCSQGQVKGLLAKIAVSCEDSTV<br>VSCIRKVQQGSADSPGDDTEGD<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Tag:** | C-MYC/DDK |
| **Predicted MW:** | 56.7 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 |
| **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 after receiving vials. |
| **Stability:** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **Locus ID:** | 234138 |

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| **UniProt ID:** | Q8BGV4 |
| **RefSeq Size:** | 5059 |
| **Cytogenetics:** | 8 A3 |
| **RefSeq ORF:** | 1539 |
| **Synonyms:** | MGC28346 |
| **Summary:** | Regulator of the DNA damage response (DDR). Part of the TTT complex that is required to stabilize protein levels of the phosphatidylinositol 3-kinase-related protein kinase (PIKK) family proteins. The TTT complex is involved in the cellular resistance to DNA damage stresses, like ionizing radiation (IR), ultraviolet (UV) and mitomycin C (MMC). Together with the TTT complex and HSP90 may participate in the proper folding of newly synthesized PIKKs (By similarity). [UniProtKB/Swiss-Prot Function] |