

Product datasheet for **TP507741**

Trim11 (BC020102) Mouse Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse tripartite motif protein 11 (cDNA clone MGC:28318 IMAGE:4014766), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR207741 representing BC020102 Red =Cloning site Green =Tags(s) |

MAAPDLSTNLQEEATCAICLDYFTDPVMTDCGHNFCRECIIRCWGQPEGPYACPECRELSAQRNLRPNRP
LAKMAEMARRLHPPSPVQGVCAAHREPLTTFCGDLSLLCPICERSEHWTHRVRPLQEAADDLKGRLK
SLEHLRKQMEDAMLFQAQAEETCALWQKMVESQRQNVLGEFERLRLLAEEEQQLLQKLEEEEEEVLPR
REGAARLGQSTQLAALISELESRCQLPALGLLQLCIECCALEREASIAKDIKDALCRVQDVKLQPPAVV
PMELRTVCRVPLVETLRRFRGDITLDPDTANPELVSEDRRSVQRGEQRQALPDNPERFDPGPCVLGQE
RITSGRHYWEVEVDQTSWALGVCKETANRKEKGELSAGNGFWILVFLGSFYNSNEPAFSPLRDPPKRVG
IFLDYEAGHLSFYSATDGSLLFIFPETLFSGLRPLFSPLSSSPTMTICRLIGVSGDTLGPQ

SGPTRTRPLE**QKLISEEDLAANDILDYKDDDDK**V

| | |
|----------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 85.1 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: | 94091 |



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UniProt ID: [Q99PQ2](#)

RefSeq Size: 2322

Cytogenetics: 11 B1.3

RefSeq ORF: 1449

Summary: E3 ubiquitin-protein ligase that promotes the degradation of insoluble ubiquitinated proteins, including insoluble PAX6, poly-Gln repeat expanded HTT and poly-Ala repeat expanded ARX. Mediates PAX6 ubiquitination leading to proteasomal degradation, thereby modulating cortical neurogenesis. May also inhibit PAX6 transcriptional activity, possibly in part by preventing the binding of PAX6 to its consensus sequences. May contribute to the regulation of the intracellular level of HN (humanin) or HN-containing proteins through the proteasomal degradation pathway. Mediates MED15 ubiquitination leading to proteasomal degradation. May contribute to the innate restriction of retroviruses. Upon overexpression, reduces HIV-1 and murine leukemia virus infectivity, by suppressing viral gene expression. Antiviral activity depends on a functional E3 ubiquitin-protein ligase domain. May regulate TRIM5 turnover via the proteasome pathway, thus counteracting the TRIM5-mediated cross-species restriction of retroviral infection at early stages of the retroviral life cycle.[UniProtKB/Swiss-Prot Function]