

Product datasheet for TP521670

Tfdp1 (NM_009361) Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse transcription factor Dp 1 (Tfdp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR221670 representing NM_009361 Red=Cloning site Green=Tags(s) |

MAKDASLIEANGELKVFIDQNLSPGKGVSLVAVHPSTVNTLGKQLLPKTFGQSNVNITQQWIGTPQRP
AASNTIVVGGSPHTPNTHFVSQNQTSOSSPWSAGKRNRKGEKNGKGLRHFMSMKVCEKVQRKGTTSYNEVAD
ELVAEFSAADNHILPNESAYDQKNIRRRVYDALNVLMMAMNIISKEKKEIKWIGLPTNSAQECQNLEVERQ
RRLERIKQKQSQLQELILQIAFKNLVQRNRQAEQQARRPPPPNSVIHLPIIVNTSRKTVIDCSISNDK
FEYLFNFDNTFEIHDDIEVLKRMGMACGLESGNCSAEDLKVARSLVPKALEPYVTEMAQSGSIGGVFVTTT
GSTSNGTRLSASDLSNGADGMLATSSNGSQYSGSRVETPVSYVGEDDDDDDDDFNENDEED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 45.7 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. |
| RefSeq: | NP_033387 |
| Locus ID: | 21781 |
| UniProt ID: | Q08639 , Q3V3X3 , Q9D297 |



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RefSeq Size: 1700

Cytogenetics: 8 A1.1

RefSeq ORF: 1230

Synonyms: Dp1; Drtf1

Summary: Can stimulate E2F-dependent transcription. Binds DNA cooperatively with E2F family members through the E2 recognition site, 5'-TTTC[CG]CGC-3', found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The E2F1:DP complex appears to mediate both cell proliferation and apoptosis. Blocks adipocyte differentiation by repressing CEBPA binding to its target gene promoters (PubMed:20176812). [UniProtKB/Swiss-Prot Function]