

Recombinant Mouse Tfdp1 Protein, Myc/DDK-tagged

Cat. No. Tfdp1-6377M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transcription factor Dp 1 (Tfdp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	45.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Tfdp1 transcription factor Dp 1 [Mus musculus (house mouse)]

Official Symbol Tfdp1

Synonyms TFDP1; transcription factor Dp 1; transcription factor Dp-1; DRTF1-polypeptide 1; E2F dimerization partner 1; cell cycle regulatory transcription factor DP1; Dp1; Drtf1

Gene ID 21781

mRNA Refseq NM_009361

Protein Refseq NP_033387

UniProt ID Q08639

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