

Product datasheet for TP506856

E2f1 (NM_007891) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse E2F transcription factor 1 (E2f1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206856 representing NM_007891 Red =Cloning site Green =Tags(s)
	<p>MAVAPAGGQHAPALEALLGAGALRLLDSSQIVIISTAPDVGAPQLPAAPPTGPRDSVLLFATPQAPRPA PSAPRPALGRPPVKRRLDLETDHQYLAGSSGPFRRGRHPGKGVKSPGKESRYETSLNLTTKRFELELSR SADGVVDLNWAAEVLVKQKRRYDITNVLEGIQLIAKKSKNHIQWLGSHTMVGIGKRLEGLTQDLQQLQE SEQQLDHLMHICTTQLQLSESDTQRLAYVTCQDLRSIADPAEQMVIVIKAPPETQLQAVDSSETFQIS LKSKQGPIDVFLCPEESADGISPGKTSQETSSGEDRTADSGPAGPPSPSTSPALDPSQSLLGLEQEA VLPRMGHLRVPMEEDQLSPLVAADSLLEHVKEDFSGLLPGEFISLSPPEALDYHFGLEEGEGIRDLFDC DFGDLTPLDF</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	46.8 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_031917
Locus ID:	13555



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UniProt ID: [Q61501](#), [Q547J6](#), [Q9CYB4](#)

RefSeq Size: 2469

Cytogenetics: 2 76.79 cM

RefSeq ORF: 1290

Synonyms: E2F-1; mKIAA4009; Tg(Wnt1-cre)2Sor

Summary: Transcription activator that binds DNA cooperatively with DP proteins 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 DRTF1/E2F complex functions in the control of cell-cycle progression from G1 to S phase. E2F1 binds preferentially RB1 in a cell-cycle dependent manner. It can mediate both cell proliferation and TP53/p53-dependent apoptosis. Blocks adipocyte differentiation by binding to specific promoters repressing CEBPA binding to its target gene promoters (PubMed:11672531, PubMed:20176812). Positively regulates transcription of RRP1B (By similarity). [UniProtKB/Swiss-Prot Function]