

## Product datasheet for **TP303986**

### DP1 (TFDP1) (NM\_007111) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transcription factor Dp-1 (TFDP1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203986 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAKDAGLIEANGELKVFIDQNLSPGKGVVSLVAVHPSTVNPPLGKQLLPKTFGQSNVNIAQQVWIGTPQRP  
AASNTLWVGSPTHSTHFASQNQPSDSSPWSAGKRNRKGEKNGKGLRHFSMKVCEKVQRKGTTSYNEVAD  
ELVAEFSAADNHILPNESAYDQKNIRRRVYDALNVLMMAMNIISKEKKEIKWIGLPTNSAQECQNLEVERQ  
RRLERIKKQKSQLQELILQQIAFKNLVQRNRHAEQQASRPPPPNSVIHLPIIVNTSKKTVIDCSISNDK  
FEYLFNFDNTFEIHDDIEVLKRMGMACGLESGSCSAEDLKMARSLVPKALEPYVTEMAQGTGGVFITTA  
GSTSNGTRFSASDLTNGADGMLATSSNGSQYSGSRVETPVSYVGEDDEEDDDFNENDEDD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	44.9 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<a href="#">NP_009042</a>
Locus ID:	7027



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UniProt ID: [Q14186](#), [A0A024RDY4](#)

RefSeq Size: 2651

Cytogenetics: 13q34

RefSeq ORF: 1230

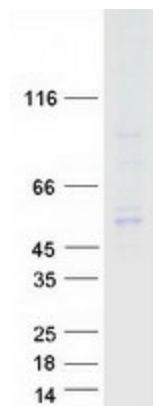
Synonyms: DILC; Dp-1; DP1; DRTF1

**Summary:** This gene encodes a member of a family of transcription factors that heterodimerize with E2F proteins to enhance their DNA-binding activity and promote transcription from E2F target genes. The encoded protein functions as part of this complex to control the transcriptional activity of numerous genes involved in cell cycle progression from G1 to S phase. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 1, 15, and X.[provided by RefSeq, Jan 2009]

**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Cell cycle, TGF-beta signaling pathway

### Product images:



Coomassie blue staining of purified TFDP1 protein (Cat# TP303986). The protein was produced from HEK293T cells transfected with TFDP1 cDNA clone (Cat# [RC203986]) using MegaTran 2.0 (Cat# [TT210002]).