

Recombinant Full Length Human TFDP1 Protein, C-Flag-tagged

Cat. No. TFDP1-1071HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TFDP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	44.9 kDa
AA Sequence	MAKDAGLIEANGELKVFIDQNLSPGKGVVSLVAVHPSTVNPLGKQLLPKTFGQSNVN IAQQVVIGTPQRP AASNTLVVGSPTHPTSTHFASQNQPSDSSPWSAGKRNRKGEKN GKGLRHFMSMKVCEKVQRKGTTSYNEVAD ELVAEFSAADNHILPNESAYDQKNIRRR VYDALNVLMAMNIISKEKKEIKWIGLPTNSAQECQNLEVERQ RRLERIKQKQSQLQE LILQQIAFKNLVQRNRHAEQQASRPPPPNSVIHLPPFIIVNTSKKTVIDCSISNDK FEYLF NFDNTFEIHDDIEVLKRMGMACGLESGSCSAEDLKMARSLVPKALEPYVTEMAQGT

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VGGVFITTA
GSTSNGTRFSASDLTNGADGMLATSSNGSQYSGSRVETPVSYVGEDDEEDDDFNE
NDEDDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.

Concentration >50 ug/mL as determined by microplate BCA method.

Preparation Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Protein Families Druggable Genome, Transcription Factors

Protein Pathways Cell cycle, TGF-beta signaling pathway

Full Length Full L.

GENE INFORMATION

Gene Name TFDP1 transcription factor Dp-1 [Homo sapiens (human)]

Official Symbol TFDP1

Synonyms DP1; DILC; Dp-1; DRTF1

Gene ID 7027

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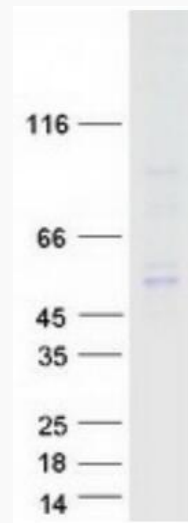
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mRNA Refseq [NM_007111.5](#)

Protein Refseq [NP_009042.1](#)

MIM [189902](#)

UniProt ID [Q14186](#)



Coomassie blue staining of purified TFDP1 protein.

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