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 AASNTLVVGSPHTPSTHFASQNQPSDSSPWSAGKRNRKGEKN GKGLRHFSMKVCEKVQRKGTTSYNEVAD ELVAEFSAADNHILPNESAYDQKNIRRR VYDALNVLMAMNIISKEKKEIKWIGLPTNSAQECQNLEVERQ RRLERIKQKQSQLQE LILQQIAFKNLVQRNRHAEQQASRPPPPNSVIHLPFIIVNTSKKTVIDCSISNDK FEYLF NFDNTFEIHDDIEVLKRMGMACGLESGSCSAEDLKMARSLVPKALEPYVTEMAQGT

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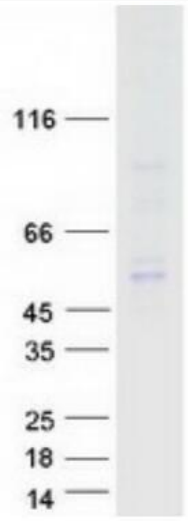
	VGGVFITTA GSTSNGTRFSASDLTNGADGMLATSSNGSQYSGSRVETPVSYVGEDDEEDDDFNE NDEDDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated 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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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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