Recombinant Human TFDP1 protein, His & GST-tagged

Cat. No. TFDP1-1411H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TFDP1 aa. (Gly6~Asp410 (Accession # Q14186)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gly6~Asp410
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 74.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.

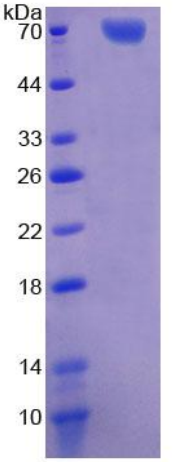
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.7

GENE INFORMATION

Gene Name	TFDP1 transcription factor Dp-1 [Homo sapiens (human)]
Official Symbol	TFDP1
Synonyms	TFDP1; transcription factor Dp-1; DP1; DILC; Dp-1; DRTF1; transcription factor Dp-1; DRTF1-polypeptide 1; E2F dimerization partner 1; E2F-related transcription factor; down-regulated in liver cancer stem cells
Gene ID	7027
mRNA Refseq	NM_007111.4
Protein Refseq	NP_009042.1
UniProt ID	Q14186

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SDS-PAGE	 15% SDS-PAGE

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