

Product datasheet for PH303986

DP1 (TFDP1) (NM_007111) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TFDP1 MS Standard C13 and N15-labeled recombinant protein (NP_009042)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203986
Predicted MW:	45.1 kDa
Protein Sequence:	>RC203986 protein sequence Red=Cloning site Green=Tags(s) MAKDAGLIEANGELKVFIDQNLSPGKGVVSLVAVHPSTVNPLGKQLLPKTFGQSNVNIAQQVVGITPQRP AASNTLVVGSPTHPTSTHFASQNPSPSSPWSAGKRNKGEKNGKGLRHF SMKVCEKVQRKGTTSYNEVAD ELVAEFSAADNHILPNESAYDQKNIRRRVYDALNVLAMMNIISKEKKEIKWIGLPTNSAQECQNLEVERQ RRLERIKQKQSQLQELILQQIAFKNLVQRNRHAEQQASRPPPPNSVIHLPFIIVNTSKKTVIDCSISNDK FEYLFNFDNTFEIHDDIEVLKRMGMACGLESGSCSAEDLKMARSLVPKALEPYVTEMAQGTVGGVFITTA GSTSNGTRFSASDLTNGADGMLATSSNGSQYSGSRVETPVSYVGEDDEEDDFNENDEDD TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_009042
RefSeq Size:	2651
RefSeq ORF:	1230
Synonyms:	DILC; Dp-1; DP1; DRTF1
Locus ID:	7027



[View online »](#)

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

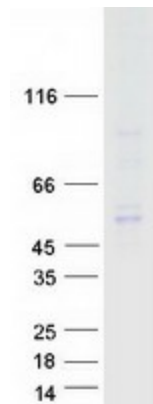
Cytogenetics: 13q34

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]).