

Recombinant Human DMTF1 Protein, GST-tagged

Cat. No. DMTF1-2717H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DMTF1 partial ORF (NP_066968, 661 a.a. - 760 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a transcription factor that contains a cyclin D-binding domain, three central Myb-like repeats, and two flanking acidic transactivation domains at the N- and C-termini. The encoded protein is induced by the oncogenic Ras signaling pathway and functions as a tumor suppressor by activating the transcription of ARF and thus the ARF-p53 pathway to arrest cell growth or induce apoptosis. It also activates the transcription of aminopeptidase N and may play a role in hematopoietic cell differentiation. The transcriptional activity of this protein is regulated by binding of D-cyclins. This gene is hemizyously deleted in approximately 40% of human non-small-cell lung cancer and is a potential prognostic and gene-therapy target for non-small-cell lung cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]
Molecular Mass	36.74 kDa
AA Sequence	KQEESPSDLASAYVTEGLESTPTIEEQVDQTIDDETILIVPSPHGFIQASDVIDTESVLPL TTLTDPIQLHHQEESNIIGSSLGSPVSEDSKDVEDLVNCH
Applications	Enzyme-linked Immunoabsorbent Assay

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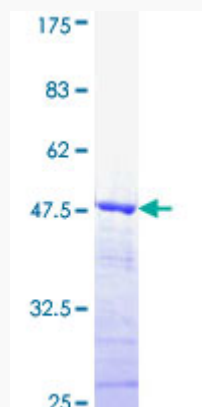
	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	DMTF1 cyclin D binding myb-like transcription factor 1 [Homo sapiens]
Official Symbol	DMTF1
Synonyms	DMTF1; cyclin D binding myb-like transcription factor 1; cyclin-D-binding Myb-like transcription factor 1; cyclin D binding Myb like protein; DMP1; DMTF; hDMP1; hDMTF1; cyclin D-binding Myb-like protein; cyclin-D-interacting Myb-like protein 1; FLJ25188; FLJ41265; FLJ76054;
Gene ID	9988
mRNA Refseq	NM_001142326
Protein Refseq	NP_001135798
MIM	608491
UniProt ID	Q9Y222

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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