

# Recombinant Full Length Human E4F1 Protein, GST-tagged

**Cat. No.** E4F1-4117HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human E4F1 full-length ORF ( AAH80524.1, 1 a.a. - 784 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 784 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | The zinc finger protein encoded by this gene is one of several cellular transcription factors whose DNA-binding activities are regulated through the action of adenovirus E1A. A 50-kDa amino-terminal product is generated from the full-length protein through proteolytic cleavage. The protein is differentially regulated by E1A-induced phosphorylation. The full-length gene product represses transcription from the E4 promoter in the absence of E1A, while the 50-kDa form acts as a transcriptional activator in its presence. Alternative splicing results in multiple transcripts encoding different proteins. [provided by RefSeq, Jan 2014] |
| <b>Molecular Mass</b>   | 109.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MEGAMAVRVTAHTAEAEAGREAGEGAVAAVAAALAPSGFLGLPAPFSEED<br>DVHRCGRCQAEFTALEDFVQHKIQKACQRAPPEALPATPATTALLGQEVVPAAPGP<br>EEPITVAHIVVEAASLAADISHASDLVGGGHIKEVIVAAEALGDGEMAEAPGSPHQQ<br>GLGLAGEGEQAQVKLLVNKDGRYVCALCHKTFKTGSILKAHMTVHSSRKDHECKLC<br>GASFRTKGLIRHRRHTDERPYKCSKCGKSFRESGALTRHLKSLTPCTEKIRFSVS                                                                                                                                                                                                                                                                                                                                                          |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

KDVVSKEDARAGSGAGAAGLGTATSSVTGEPIETSPVIHLVTDKGTVIHEVHVQM  
 QELSLGMKALAPEPPVSQELPCSSEGSRENLLHQAMQNSGIVLERAAGEEGALEPA  
 PAAGSSPQPLA AAPQLPVLEVQPLETQVASEASAVPRTHPCPQCSETFPTAATLEA  
 HKRGHTGPRPFACAQCGKAFPKAYLLKKHQEVHVRERRFRCGDCGKLYKTIAHVR  
 GHRRVHSDERPYPCKCGKRYKTKNAQQVHFRTHLEEKPHVCQFCSRGFREKGS  
 VRHVRHHTGEKPFKCYKCGRGAEHGTLNRHLRTKGGCLLEVEELLVSEDS PAAAT  
 TVLTEDPHTVLVEFSSVADTQEYII EATADDAETSEATEII EGTQTEVDSHIMKV VQ  
 VHQASAGHQIIVQNVTMDEETALGP EAAAADTITATPESL TEQVAMTLASAI SEGT  
 AARAGTSGTEQATVTMVSS E DIEILEHAGELVIASPEGQLEVQTVIV

**Applications**

Enzyme-linked Immunoabsorbent Assay  
 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**

E4F1 E4F transcription factor 1 [ Homo sapiens ]

**Official Symbol**

E4F1

**Synonyms**

E4F1; E4F transcription factor 1; transcription factor E4F1; E4F; p50E4F; p120E4F;  
 transcription factor E4F; putative E3 ubiquitin-protein ligase E4F1; MGC99614;

**Gene ID**

1877

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|                |           |
|----------------|-----------|
| mRNA Refseq    | NM_004424 |
| Protein Refseq | NP_004415 |
| MIM            | 603022    |
| UniProt ID     | Q66K89    |

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