

Recombinant Human E4F1 Protein, GST-tagged

Cat. No. E4F1-3011H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human E4F1 full-length ORF (AAH80524.1, 1 a.a. - 784 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	109.9 kDa
AA Sequence	MEGAMAVRVTAHTAEAEAGREAGEGAVAAVAAALAPSGFLGLPAPFSEED DVHRCGRCQAEFTALEDFVQHKIQKACQRAPPEALPATPATTALLGQEVVPAAPGP EEPITVAHIVVEAASLAADISHASDLVGGGHIKEVIVAAEALGDGEMAEAPGSPHQQ GLGLAGEGEQAQVKLLVNKDGRYVCALCHKTFKTGSILKAHMTVHSSRKDHECKLC GASFRTKGLIRHRRHTDERPYKCSKCGKSFRESGALTRHLKSLTPCTEKIRFSVS KDVVSKEDARAGSGAGAAGLGTATSSVTGEPITSPVIHLVTDKGTVIHEVHVQM

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QELSLGMKALAPEPPVSQELPCSSEGSRENLLHQAMQNSGIVLERAAGEEGALEPA
 PAAGSSPQPLAVAAPQLPVLEVQPLETQVASEASAVPRTHPCPQCSETFPTAATLEA
 HKRGHTGPRPFACAQCGKAFPKAYLLKKHQEVHVRERRFRCGDCGKLYKTIAHVR
 GHRRVHSDERPYPCKCGKRYKTKNAQQVHFRTHLEEKPHVCQFCSRGFREKGS
 VRHVRHHTGEKPFKCYKCGRGFAEHGTLNRHLRTKGGCLLEVEELLVSEDSPPAAAT
 TVLTEDPHTVLVEFSSVVADTQEYIIIEATADDAETSEATEIIIEGTQTEVDSDHMKVVQQI
 VHQASAGHQIIVQNVMTDEETALGPEAAAADTITATPESLTEQVAMTLASAISEGTVL
 AARAGTSGTEQATVTMVSSDIEILEHAGELVIASPEGQLEVQTVIV

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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