

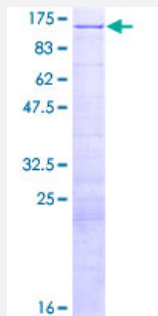
Full-Length

E4F1 (Human) Recombinant Protein (P01)

Catalog # H00001877-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human E4F1 full-length ORF (AAH80524.1, 1 a.a. - 784 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEGAMAVRVTAHAHTAEAEAGREAGEGAVAAVAAALAPSGFLGLPAPFSEEDDDVHRCGR
CQAEFTALEDFVQHAIKACQRAPPEALPATPATTALLGQEVVPAAPGPEEPITVAHMVEAASLA
ADISHASDLVGGGHIKEVIVAAEELGDGEMAEAPGSPHQQLGLAGEGEQAQVKLLVNKDGRY
VCALCHKTFKTGSILKAHMTSSRKDHECKLCGASFRTKGLIRHRRHTDERPYKCSKCGKSF
RESGALTRHLKSLTPCTEKIRFSVSKDVVSKEDARAGSGAGAAGLTATSSVTGEPIETSPVIHL
VTDAGTVIHEVHVQMQLSLGKALAPEPPVSQELPCSSEGSRENLLHQAMQNSGMLERAAG
EEGALEPAPAAGSSPQPLAVAAPQLPVLEVQPLETQVASEASAVPRTHPCPQCSETFPTAATLE
AHKRGTGPRPFACAQCCKAFKAYLLKKHQEVHVRERRFRCGDCGKLYKTIAHVRGHRVHS
DERPYCPKCGKRYKTKNAQQVHFRTHLEEKPHVCQFCSRGFREKGSVLRHVRHHTGEKPFKC
YKCGRGAEHGTLNRHLRTKGGCLLEVEELLVSEDSPPAAATTVLTEDPHTVLVEFSSVVADTQEY
IIEATADDAETSEATEIIEGTQTEVD SHIMKV VQVMHQASAGHQIIVQNVTMDEETALGPEAAAADTI
TIATPESL TEQVAMTLASAISEGTVLAARAGTSGTEQATVTMVSSIEDIEILEHAGELVIASPEGQLEV
QTVIV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

109.9

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — E4F1

Entrez GeneID	1877
GeneBank Accession#	BC080524.1
Protein Accession#	AAH80524.1
Gene Name	E4F1
Gene Alias	E4F, MGC99614
Gene Description	E4F transcription factor 1
Omim ID	603022
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	p120E4F