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Datasheet for ABIN7553737  
**E4F1 Protein (AA 1-784) (His tag)**

## Overview

Quantity:	1 mg
Target:	E4F1
Protein Characteristics:	AA 1-784
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This E4F1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat E4F1 Protein expressed in mammalien cells.
Sequence:	MEGAMAVRVT AAHTAEAQAE AGREAGEGAV AAVAAALAPS GFLGLPAPFS EEDEDDVHRC GRCQAEFTAL EDFVQHKIQK ACQRAPPEAL PATPATTALL GQEVVPAAPG PEEPITVAHI VVEAASLAAD ISHASDLVGG GHIKEVIVAA EAELGDGEMA EAPGSPRQQG LGLAGEGEQA QVKLLVNKDG RYVCALCHKT FKTGSILKAH MVTHSSRKDH ECKLCGASFR TKGSLIRHHR RHTDERPYKC SKCGKSFRES GALTRHLKSL TPCTEKIRFS VSKDVVVSKE DARAGSGAGA AGLGTATSSV TGEPIETSPV IHLVTDAGKT VIHEVHVQMQ ELSLGMKALA PEPPVSQELP CSSEGSRENH LHQAMQNSGI VLERAAGEEG ALEPAPAAGS SPQPLAVAAP QLPVLEVQPL ETQVASEASA VPRTHPCPQC SETFPTAATL EAHKRGHTGP RPFACAQCGK AFPKAYLLKK HQEVHVRERR FRCGDCGKLY KTIAHVRGHR RVHSDEPYP CPKCGKRYKT KNAQQVHFRT HLEEKPHVCQ FCSRGFREKG SLVRHVRHHT GEKPFKCYKC GRGFAEHGTL NRHLRTKGGC LLEVEELLVS EDSPAAATTV LTEDPHTVLV EFSSVWADTQ EYIIEATADD AETSEATEII

## Product Details

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EGTQTEVDSH IMKVVQQIVH QASAGHQIIV QNVTMDEETA LGPEAAAAADT ITIATPESLT  
EQVAMTLASA ISEGTVLAAR AGTSGTEQAT VTMVSSEDIE ILEHAGELVI ASPEGQLEVQ TVIV

**Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

E4F1

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### Alternative Name:

E4F1 ([E4F1 Products](#))

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### Background:

Transcription factor E4F1 (EC 2.3.2.27) (E4F transcription factor 1) (Putative E3 ubiquitin-protein ligase E4F1) (RING-type E3 ubiquitin transferase E4F1) (Transcription factor E4F) (p120E4F) (p50E4F),FUNCTION: May function as a transcriptional repressor. May also function as a ubiquitin ligase mediating ubiquitination of chromatin-associated TP53. Functions in cell survival and proliferation through control of the cell cycle. Functions in the p53 and pRB tumor suppressor pathways and regulates the cyclin CCNA2 transcription., FUNCTION: Identified as a cellular target of the adenoviral oncoprotein E1A, it is required for both transcriptional activation and repression of viral genes.

## Target Details

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Molecular Weight: 83.5 kDa

UniProt: [Q66K89](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months