

Recombinant Human E4F1, His-tagged

Cat. No. E4F1-27377TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 137-588 of Human E4F1 with an N terminal His tag. Predicted MWt: 50 kDa,
Species	Human
Source	E.coli
ProteinLength	137-588 a.a.
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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 87 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

LVGGGHIKEVIVAAEAEELGDGEMAEAPGSPRQQGLGLAGE GEQAQVKLLVNKDGR
YVCALCHKTFKTSILKAHMTVTH SSRKDHECKLCGASFRTKGLIRHHRHTDERP
YKCSK CGKSFRESGALTRHLKSLTPCTEKIRFSVSKDVVVSKEDE RAGSGAGAAGL
GTATSSVTGEPIETSPVIHLVTDAGT VIHEVHVQMQLSLGMKALAPEPPVSQELP
CSSEGSRE NLLHQAMQNSGIVLERAAGEEGALEPAPAAGSSPQPLA VAAPQLPVL
EVQPLETQVASEASAVPRTHPCPQCSETFPT AATLEAHKRGHTGPRPFACAQCGK
AFPKAYLLKKHQEV HVRERRFRGDCGKLYKTIAHVRGHRVHSDERPYPYPCP KCG
KRYTKNAQQVHFRTHLEEKPHVCQFCSRGRFREKGSGLVRHVRHHTGEKPFKCYKC
GRGFAEHG

GENE INFORMATION

Gene Name	E4F1 E4F transcription factor 1 [Homo sapiens]
Official Symbol	E4F1
Synonyms	E4F1; E4F transcription factor 1; transcription factor E4F1; E4F;
Gene ID	1877
mRNA Refseq	NM_004424
Protein Refseq	NP_004415
MIM	603022
Uniprot ID	Q66K89
Chromosome Location	16p13.3

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Pathway	p53 pathway, organism-specific biosystem;
Function	DNA binding; cAMP response element binding; ligase activity; metal ion binding; protein binding;

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