

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

LVGGGHIKEVIVAAEELGDGEMAEAPGSPRQQGLGLAGE GEQAQVKLLVNKDGR
YVCALCHKTFKTSILKAHMTVH SSRKDHECKLCGASFRTKGLIRHHRHTDERP
YKCSK CGKSFRESGALTRHLKSLTPCTEKIRFSVSKDVVVSKEA RAGSGAGAAGL
GTATSSVTGEPIETSPVIHLVTDAGT VIHEVHVQMQLSLGMKALAPEPPVSQELP
CSSEGSRE NLLHQAMQNSGIVLERAAGEEGALEPAPAAGSSPQPLA VAAPQLPVL
EVQPLETQVASEASAVPRTHPCPQCSETFPT AATLEAHKRGHTGPRPFACAQCGK
AFPKAYLLKKHQEV HVRERRFRGDCGKLYKTIAHVRGHRVHSDERPYPYPCP KCG
KRYTKNAQQVHFRTHLEEKPHVCQFCSRGRFREKGS LVRHVRHHTGEKPFKCYKC
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

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

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