

Recombinant Full Length Human E2F6 Protein

Cat. No. E2F6-135HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human E2F6 with N-terminal proprietary tag. Mol Wt 56.65 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	281 amino acids
Description	This gene encodes a member of the E2F transcription factor protein family. E2F family members play a crucial role in control of the cell cycle and of the action of tumor suppressor proteins. They are also a target of the transforming proteins of small DNA tumor viruses. Many E2F proteins contain several evolutionarily conserved domains: a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain. The encoded protein of this gene is atypical because it lacks the transactivation and tumor suppressor protein association domains. It contains a modular suppression domain and is an inhibitor of E2F-dependent transcription. The protein is part of a multimeric protein complex that contains a histone methyltransferase and the transcription factors Mga and Max. Multiple transcript variants have been reported for this gene, but it has not been clearly demonstrated that they encode valid isoforms.

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Form	Liquid
Molecular Mass	56.650kDa
AA Sequence	MSQQRPAKLPKSLLLDPTEETVRRRCRDPINVEGLLPSKI RINLEDNVQYVSMRKAL KVKRPRFDVSLVYLTRKFMDLVR SAPGGILDNLKVATKLGVRKRRVYDITNVLDGID LVEKKS KNHIRWIGSDLSNFGAVPQQKKLQEELSDLSAMEDALDEL IKDCAQQLFE LTDDKENERLAYVTYQDIHSIQAFHEQIVI AVKAPAETRLDVPAPREDSITVHIRSTNG PIDVYLCEVEQ GQTSNKRSEGVGTSSSESTHPEGPEEEENPQQSEELLEVS N
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	E2F6 E2F transcription factor 6 [Homo sapiens]
Official Symbol	E2F6
Synonyms	E2F6; E2F transcription factor 6; transcription factor E2F6;
Gene ID	1876
mRNA Refseq	NM_198256
Protein Refseq	NP_937987

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MIM	602944
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UniProt ID	O75461
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