

Recombinant Human E2F5 Protein, MYC/DDK-tagged

Cat. No. E2F5-935H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human E2F5 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. The E2F proteins contain several evolutionarily conserved domains that are present in most members of the family. These domains include 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. This protein is differentially phosphorylated and is expressed in a wide variety of human tissues. It has higher identity to E2F4 than to other family members. Both this protein and E2F4 interact with tumor suppressor proteins p130 and p107, but not with pRB. Alternative splicing results in multiple variants encoding different isoforms. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

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Molecular Mass	37.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	E2F transcription factor 5[Homo sapiens]
Official Symbol	E2F5
Synonyms	E2F-5; E2F-5
Gene ID	1875
mRNA Refseq	NM_001083588.1
Protein Refseq	NP_001942
MIM	600967
UniProt ID	Q15329

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