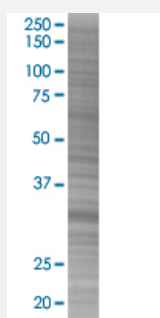


# E2F6 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001876-T01

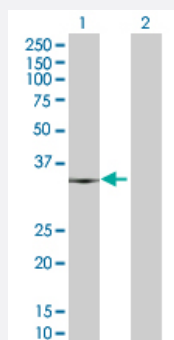
Size 100 uL

## Applications



### SDS-PAGE Gel

E2F6 transfected lysate



### Western Blot

Lane 1: E2F6 transfected lysate ( 31.8 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                               |                       |
|-------------------------------|-----------------------|
| Transfected Cell Line         | 293T                  |
| Plasmid                       | pCMV-E2F6 full-length |
| Host                          | Human                 |
| Theoretical MW (kDa)          | 31.8                  |
| Interspecies Antigen Sequence | Mouse (87); Rat (88)  |

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-E2F6 antibody ([H00001876-B01](#)) by Western Blots.  
SDS-PAGE Gel  
E2F6 transfected lysate  
Western Blot  
Lane 1: E2F6 transfected lysate ( 31.8 KDa).  
Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — E2F6

Entrez GeneID [1876](#)

GeneBank Accession# [NM\\_198256](#)

Protein Accession# [NP\\_937987](#)

Gene Name E2F6

Gene Alias E2F-6, MGC111545

Gene Description E2F transcription factor 6

Omim ID [602944](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

E2F transcription factor 6, isoform 1

**Disease**

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)