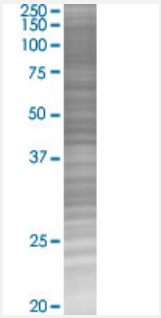
E2F2 293T Cell Transient Overexpression Lysate(Denatured)

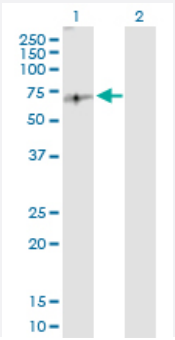
Catalog # H00001870-T04 Size 100 uL

Applications



SDS-PAGE Gel

E2F2 transfected lysate.



Western Blot

Lane 1: E2F2 transfected lysate (47.50 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-E2F2 full-length
Host	Human
Theoretical MW (kDa)	47.5
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-E2F2 antibody (H00001870-D01P) by Western Blots. SDS-PAGE Gel E2F2 transfected lysate. Western Blot Lane 1: E2F2 transfected lysate (47.50 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 — E2F2

Entrez GeneID	1870
GeneBank Accession#	BC053676.1
Protein Accession#	AAH53676.1
Gene Name	E2F2
Gene Alias	E2F-2
Gene Description	E2F transcription factor 2
Omim ID	600426
Gene Ontology	Hyperlink
Gene Summary	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 evolutionally conserved domains found 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 and another 2 members, E2F1 and E2F3, have an additional cyclin binding domain. This protein binds specifically to retinoblastoma protein pRB in a cell-cycle dependent manner, and it exhibits overall 46% amino acid identity to E2F1. [provided by RefSeq
Other Designations	OTTHUMP00000003257

Pathway

- Bladder cancer

- Cell cycle
- Chronic myeloid leukemia
- Glioma
- Melanoma
- Non-small cell lung cancer
- Pancreatic cancer
- Pathways in cancer
- Prostate cancer
- Small cell lung cancer

Disease

- Breast cancer
- Breast Neoplasms
- Colorectal Neoplasms
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Kidney Failure
- Neoplasm Recurrence
- Neoplasms
- Ovarian Neoplasms