

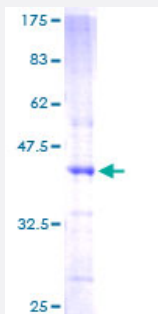
Full-Length

## E2F3 (Human) Recombinant Protein (P01)

Catalog # H00001871-P01

Size 10 ug, 25 ug

### Applications



### Specification

<b>Product Description</b>	Human E2F3 full-length ORF ( AAH16847, 1 a.a. - 133 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MQSGGGVKTDDTSTLNSLCGYAWVYWEEKQRCRLSSFFSSSASIPGLLPSTLTLVQNVGVVL DEALGWGRERELCVKCLLEMHCGVFSCMGNHLCAFPHPYLSHLVSCLCFQLCVILFASCTKLI FSKV
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	40.37
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — E2F3

Entrez GeneID [1871](#)

GeneBank Accession# [BC016847](#)

Protein Accession# [AAH16847](#)

Gene Name E2F3

Gene Alias DKFZp686C18211, E2F-3, KIAA0075, MGC104598

Gene Description E2F transcription factor 3

Omim ID [600427](#)

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 E2F2, have an additional cyclin binding domain. This protein binds specifically to retinoblastoma protein pRB in a cell-cycle dependent manner. [provided by RefSeq]

Other Designations OTTHUMP00000018012

## 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

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