

Product datasheet

Recombinant Human E2F4 protein ab152352

1 Image

Description

<b>Product name</b>	Recombinant Human E2F4 protein
<b>Expression system</b>	Wheat germ
<b>Accession</b>	<a href="#">Q16254</a>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	<p>MAEAGPQAPPPPGTPSRHEKSLGLLTTKFVSLLEAKDG  VLDLKLAAADTL  AVRQKRRIYDITNVLEGLIEKSKNSIQWKGVGPQCNTRE  IADKLIEL  KAEIEELQQREQELDQHKVWVQQSIRNVTEDEVQNSCLAY  VTHEIDICRCFA  GDTLLAIRAPSGTSLEVPIPEGLNGQKKYQIHLKSVSGPIEV  LLVNKEAW  SSPPVAVPVPPEPDLQSPSAVSTPPPLPKPALAQSQEA  SRPNPQLTPT  AVPGSAEVQGMAGPAAEITVSGGPGTDSKDSGELSSLPL  GPTTLDTRPLQ  SSALLDSSSSSSSSSSSSSSNSNSSSSSGPNPSTSFEPK  ADPTGVLELPK  ELSEIFDPTRECMSEELLEELMSSEVFAPLLRLSPPPGDH  DYYNLDESE GVCDLFDVPVLNL</p>
<b>Predicted molecular weight</b>	70 kDa including tags
<b>Amino acids</b>	1 to 413

Specifications

Our [Abpromise guarantee](#) covers the use of **ab152352** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA
	Western blot

SDS-PAGE

**Form** Liquid  
**Additional notes**

## Preparation and Storage

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**Stability and Storage** Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.  
pH: 8.00  
Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

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**Function** Transcription activator that binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DRTF1/E2F complex functions in the control of cell-cycle progression from G1 to S phase. E2F-4 binds with high affinity to RBL1 and RBL2. In some instances, can also bind RB protein.

**Tissue specificity** Found in all tissue examined including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.

**Sequence similarities** Belongs to the E2F/DP family.

**Developmental stage** Present in the growth-arrested state, its abundance does not change significantly as cells move into and through the cell cycle.

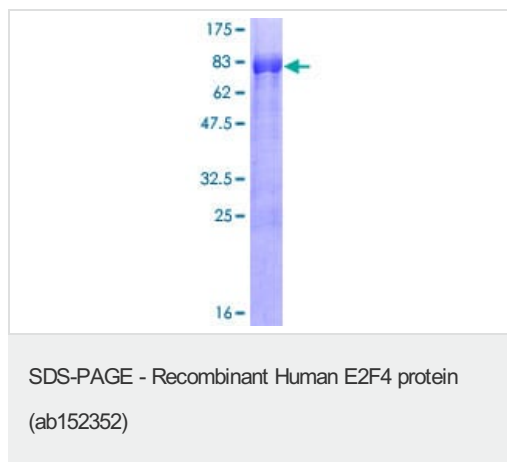
**Post-translational modifications** Differentially phosphorylated in vivo.

**Cellular localization** Nucleus.

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## Images

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12.5% SDS-PAGE analysis of ab152352 stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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