abcam

Product datasheet

Recombinant Human E2F4 protein ab152352

1 Image

Description

Product name	Recombinant Human E2F4 protein
Expression system	Wheat germ
Accession	**Q16254**
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MAEAGPQAPPPPGTPSRHEKSLGLLTTKFVSLLQEAKDG VLDLKLAADTL AVRQKRRIYDITNVLEGIGLIEKKSKNSIQWKGVGPGCNTRE IADKLIEL KAEIEELQQREQELDQHKVWVQQSIRNVTEDVQNSCLAY VTHEDICRCFA GDTLLAIRAPSGTSLEVPIPEGLNGQKKYQIHLKSVSGPIEV LLVNKEAW SSPPVAVPVPPPEDLLQSPSAVSTPPPLPKPALAQSQEA SRPNSPQLTPT AVPGSAEVQGMAGPAAEITVSGGPGTDSKDSGELSSLPL GPTTLDTRPLQ SSALLDSSSSSSSSSSSSNSNSSSSSGPNPSTSFEPIK ADPTGVLELPK ELSEIFDPTRECMSSELLEELMSSEVFAPLLRLSPPPGDH DYIYNLDESE GVCDLFDVPVLNL
Predicted molecular weight	70 kDa including tags
Amino acids	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.

Applications	ELISA
	Western blot

	SDS-PAGE
Form	Liquid
Additional notes	

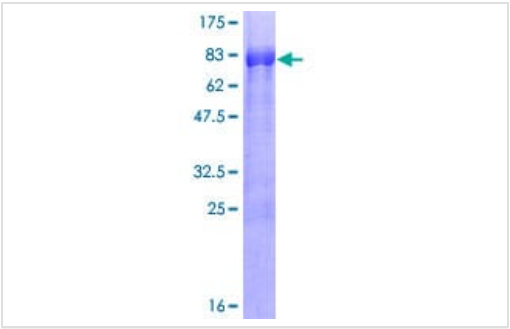
Preparation and Storage

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

General Info

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.

Images



SDS-PAGE - Recombinant Human E2F4 protein (ab152352)

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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