

Product datasheet

Recombinant Human TCF3 / E2A protein ab114447

1 Image

Description

Product name	Recombinant Human TCF3 / E2A protein	
Expression system	Wheat germ	
Accession	P15923	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	EREKERRVANNARERLRVRDINEAFKELGRMCQLHLN SEKPQTKLLILHQ AVSVILNLEQQVREERNLNPKAACLKRREEEKVSGVVG DPQMVL SAPHPGL SEAHNPAGHM	
Predicted molecular weight	38 kDa including tags	
Amino acids	545 to 654	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab114447** in the following tested applications.

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

Applications	ELISA SDS-PAGE Western blot
Form	Liquid
Additional notes	This protein is best used within three months from the date of receipt.

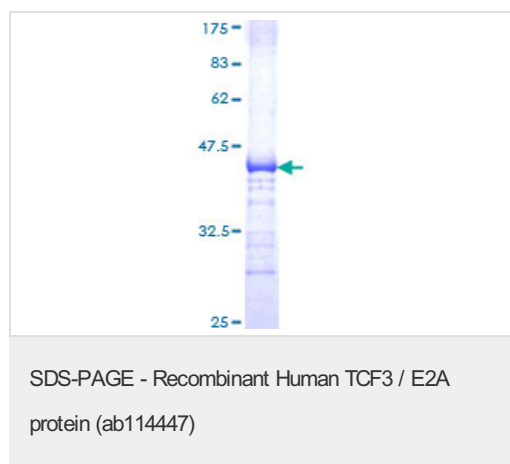
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
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General Info

Function	Heterodimers between TCF3 and tissue-specific basic helix-loop-helix (bHLH) proteins play major roles in determining tissue-specific cell fate during embryogenesis, like muscle or early B-cell differentiation. Dimers bind DNA on E-box motifs: 5'-CANNTG-3'. Binds to the kappa-E2 site in the kappa immunoglobulin gene enhancer.
Involvement in disease	Note=Chromosomal aberrations involving TCF3 are cause of forms of pre-B-cell acute lymphoblastic leukemia (B-ALL). Translocation t(1;19)(q23;p13.3) with PBX1; Translocation t(17;19)(q22;p13.3) with HLF. Inversion inv(19)(p13;q13) with TFPT.
Sequence similarities	Contains 1 basic helix-loop-helix (bHLH) domain.
Domain	the 9aaTAD motif is a transactivation domain present in a large number of yeast and animal transcription factors.
Post-translational modifications	Phosphorylated following NGF stimulation.
Cellular localization	Nucleus.

Images



ab114447 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

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

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