abcam

Product datasheet

Recombinant Human DBF4 protein ab161206

1 Image

Description

Product name	Recombinant Human DBF4 protein
Expression system	Wheat germ
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	NSGAMRIHSKGHFQGGIQVKNEKNRPSLKSLKTDNRPEK SKCKPLWGKVF YLDLPSVTISEKLQKDIKDLGGRVEEFLSKDISYLISNKKEA KFAQT
Amino acids	2 to 98
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab161206** in the following tested applications.

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

Applications	Western blot ELISA
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

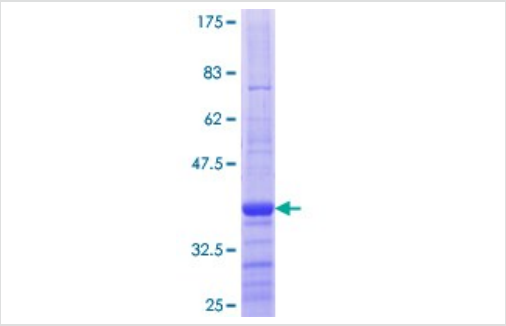
Preparation and Storage

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	Regulatory subunit for CDC7 which activates its kinase activity thereby playing a central role in DNA replication and cell proliferation. Required for progression of S phase. The complex CDC7-DBF4A selectively phosphorylates MCM2 subunit at 'Ser-40' and 'Ser-53' and then is involved in regulating the initiation of DNA replication during cell cycle.
Tissue specificity	Highly expressed in testis and thymus. Expressed also in most cancer cells lines.
Sequence similarities	Contains 2 BRCT domains. Contains 1 DBF4-type zinc finger.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Nucleus.

Images



SDS-PAGE - Recombinant Human DBF4 protein (ab161206)

ab161206 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

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