

Product datasheet

Recombinant Human C4BPA protein ab157987

1 Image

Description

Product name	Recombinant Human C4BPA protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p> NCGPPPPLSFAAPMDITLTETRFKTGTTLKYTCLPGYVRSH STQTLTCNS DGEWVYNTFCMKRCRHPGELRNGQVEIKTDLDFGSGQIEF SCSEGFFLIG STTSRCEVQDRGVGWSHPLPQCEMKCKPPDIRNGRHS GEENFYAYGFS VTYSCDPRFSLGHAISCTVENETIGVWRPSPPTCEKITC RKPDVSHGE MVSGFGPIYNYKDTMFKCQKGFVLRGSSVIHCDADSKWN PSPPACEPNS CINLPDIPHASWETYPRPTKEDVYVGTVLRVLRCHPGYKPT TDEPTTVIC QKNLRWTPYQGCEALCCPEPKLNNGEITQHRKSRPANHC VYFYGDEISFS CHETSRFSAICQGDGTWSPRTPSCGDICNFPKIAHGHYK QSSSYSFFKE EIYECDKGYLVGQAKLSCSYSHWSAPAPQCKALCRKPE LVNGRLSVDK DQYVEPENVTIQCDSGYGVVGPQSITCSGNRTWYPEVPK CEWETPEGCEQ VLTGKRLMQCLPNPEDVKMALEVYKLSLEIEQLELQRDSA RQSTLDKEL </p>
Amino acids	49 to 597
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab157987** 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
Form	Liquid
Additional notes	

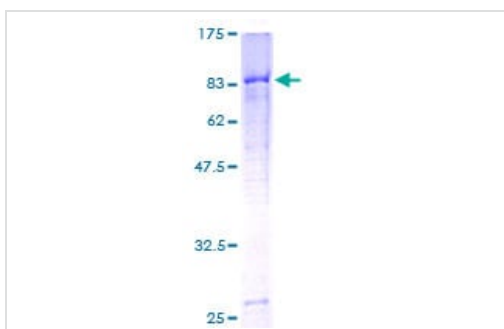
Preparation and Storage

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

General Info

Function	Controls the classical pathway of complement activation. It binds as a cofactor to C3b/C4b inactivator (C3bINA), which then hydrolyzes the complement fragment C4b. It also accelerates the degradation of the C4bC2a complex (C3 convertase) by dissociating the complement fragment C2a. Alpha chain binds C4b. It interacts also with anticoagulant protein S and with serum amyloid P component.
Tissue specificity	Chylomicrons in the plasma.
Sequence similarities	Contains 8 Sushi (CCP/SCR) domains.
Cellular localization	Secreted.

Images



SDS-PAGE - Recombinant Human C4BPA protein
(ab157987)

ab157987 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"

Our Abpromise to you: Quality guaranteed and expert technical support

- 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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors