

Recombinant Human C4b protein ab114287

画像数 1

製品の詳細

製品名	Recombinant Human C4b protein
発現系	Wheat germ
アクセッション番号	P0C0L5
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	VRSFFPENWLWRVETVDRFQILTLWLPDSLTTWEIHGLSLSK TKGLCVAT PVQLRVFREFHLHLRLPMSVRRFEQLELRPVLYNYLDKNLTV SVHVSPVE
予測される分子量	37 kDa including tags
領域	774 to 873

特性

Our **Abpromise guarantee** covers the use of **ab114287** in the following tested applications.

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

アプリケーション	ELISA
	SDS-PAGE
	Western blot
製品の状態	Liquid

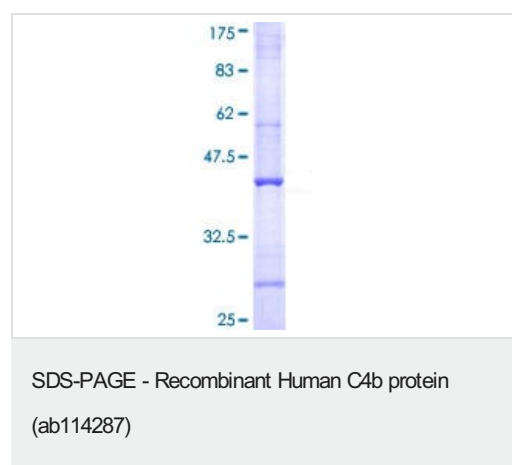
前処理および保存

保存方法および安定性	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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関連情報

機能	<p>C4 plays a central role in the activation of the classical pathway of the complement system. It is processed by activated C1 which removes from the alpha chain the C4a anaphylatoxin. The remaining alpha chain fragment C4b is the major activation product and is an essential subunit of the C3 convertase (C4b2a) and the C5 convertase (C3bC4b2a) enzymes of the classical complement pathway.</p> <p>Derived from proteolytic degradation of complement C4, C4a anaphylatoxin is a mediator of local inflammatory process. It induces the contraction of smooth muscle, increases vascular permeability and causes histamine release from mast cells and basophilic leukocytes.</p>
配列類似性	<p>Contains 1 anaphylatoxin-like domain.</p> <p>Contains 1 NTR domain.</p>
翻訳後修飾	<p>Prior to secretion, the single-chain precursor is enzymatically cleaved to yield the non-identical chains (alpha, beta and gamma). During activation, the alpha chain is cleaved by C1 into C4a and C4b, and C4b stays linked to the beta and gamma chains. Further degradation of C4b by C1 into the inactive fragments C4c and C4d blocks the generation of C3 convertase.</p>
細胞内局在	<p>Secreted.</p>

画像



12.5% SDS-PAGE showing ab114287 at approximately 36.63kDa stained with Coomassie Blue.

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

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