

Recombinant Human CD55 protein ab80038

画像数 1

製品の詳細

製品名	Recombinant Human CD55 protein
精製度	> 90 % SDS-PAGE.
発現系	Escherichia coli
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	LPPDVPNAQPALEGRTSFPEDTVITYKCEESFVKIPGEKDSV ICLKGSQW SDIEEFCNR
領域	38 to 96

特性

Our **Abpromise guarantee** covers the use of **ab80038** 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	Western blot
	ELISA
	SDS-PAGE
製品の状態	Lyophilized

前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Constituent: PBS
再構成	Redissolve the powder with 1ml sterile water will restore to the original concentration 1mg/ml.

関連情報

機能	This protein recognizes C4b and C3b fragments that condense with cell-surface hydroxyl or amino
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groups when nascent C4b and C3b are locally generated during C4 and c3 activation. Interaction of daf with cell-associated C4b and C3b polypeptides interferes with their ability to catalyze the conversion of C2 and factor B to enzymatically active C2a and Bb and thereby prevents the formation of C4b2a and C3bBb, the amplification convertases of the complement cascade.

組織特異性

Expressed on the plasma membranes of all cell types that are in intimate contact with plasma complement proteins. It is also found on the surfaces of epithelial cells lining extracellular compartments, and variants of the molecule are present in body fluids and in extracellular matrix.

配列類似性

Belongs to the receptors of complement activation (RCA) family.
Contains 4 Sushi (CCP/SCR) domains.

ドメイン

The first Sushi domain (SCR1) is not necessary for function. SCR2 and SCR4 provide the proper conformation for the active site on SCR3.

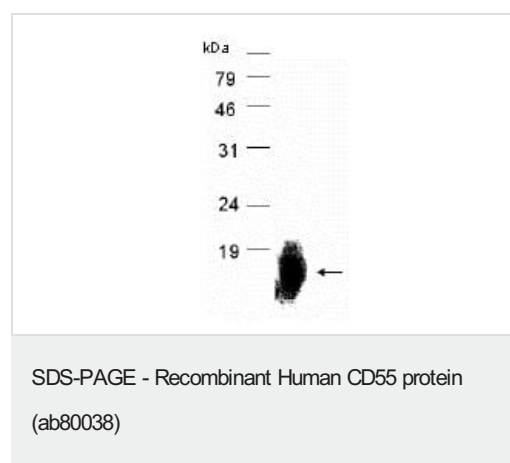
翻訳後修飾

The Ser/Thr-rich domain is heavily O-glycosylated.

細胞内局在

Cell membrane.

画像



20% SDS PAGE gel, Coomassie blue staining.

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

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