

Recombinant Human CD55 protein ab80038

1 图像

描述

产品名称	重组人CD55蛋白
纯度	> 90 % SDS-PAGE.
表达系统	Escherichia coli
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	LPPDVPNAQPALEGRTSFPEDTVITYKCEESFVKIPGEKDSV ICLKGSQW SDIEEFCNR
氨基酸	38 to 96

技术指标

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.

应用	Western blot
	ELISA
	SDS-PAGE
形式	Lyophilized

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Constituent: PBS
复溶	Redissolve the powder with 1ml sterile water will restore to the original concentration 1mg/ml.

常规信息

功能	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.

组织特异性

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.

序列相似性

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

结构域

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

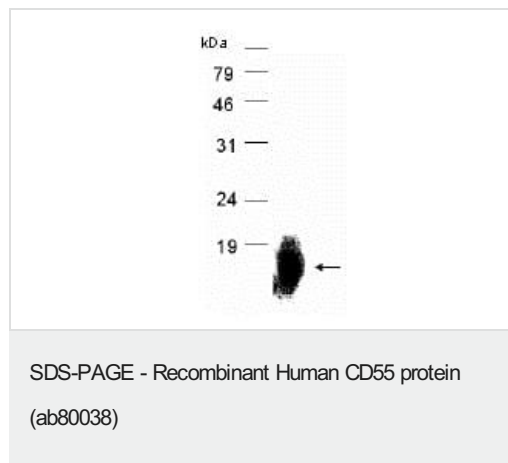
翻译后修饰

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

细胞定位

Cell membrane.

图片



20% SDS PAGE gel, Commassie blue staining.

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

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