



Decay Accelerating Factor (DAF, CD55)

Catalog No. PY-20100

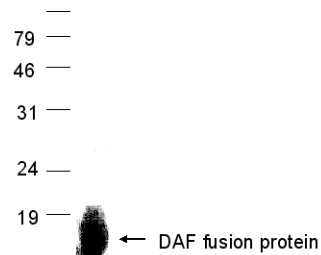
Scale: 1 mg

Form: lyophilized protein

Target description

Decay Accelerating Factor (DAF, CD55) is a membrane associated regulator of complement activation that contains four ~60 amino acid long consensus sequences termed complement control protein repeats (CCPs) or short consensus repeats (SCRs). The four SCRs comprise the functional portion of the protein and are linked to the plasma membrane via a heavily glycosylated serine/threonine rich linker and a glycosylphosphatidylinositol (GPI) anchor. CD55 is a multi-functional molecule accelerating the decay of both the classical and alternative pathway C3 convertases, binding CD97 a member of the EGF-TM7 family whose expression is rapidly upregulated on T and B cells following activation, and acting as the receptor for a variety of viral and bacterial pathogens.

SDS PAGE analysis (Commassie blue staining)



20% SDS PAGE gel

Products

E. coli derived DAF (aa. 38-96) fusion protein with His tag

Comments

Protein ID : GI:10835143

Fusion tag : 4kDa (His-tag)

Purity : > 90%

Fusion protein size : 11 kDa

Storage

Redissolve the powder with 1ml sterile water will restore to the original concentration 1mg/ml. For long-term storage at -20°C. Aliquot to avoid repeated freezing and thawing.

Application

Dilute with 1XPBS for Western blot, ELISA test antigen, Immunogen