9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CD55 Human

CD55 Human Recombinant
CDA0089

Product Overview

Name	CD55 Human
Description	
CD55 Human Recombinant	
Accession (Primary)	P08174
Synonyms	
CD55 Antigen , DAF, CD55 Molecule, CHAPLE, Cromer Blood Group Antigen, Complement Decay-Accelerating Factor, CROM.	
Introduction	
Decay-Accelerating Factor Isoform 1 or CD55, is a protein that attached to the cell membrane through glycophosphatidylinositol (GPI) anchor. CD55 regulates the complement system in the outer membrane. The protein is a receptor to many types of enteroviruses such as coxsackieviruses. CD55 is widely scattered amidst hematopoietic & non-hematopoietic cells. The CD55 has a crucial part in tumorigenesis, autocrine loops for cell rescue and evasion of apoptosis, cell motility, invasiveness etc.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CD55 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP DCGLPPD VPNAQPALEG RTSFPEDTVI TYKCEESFVK IPGEKDSVIC LKGSQWSDIE EFCNRSCEVP TRLNSASLKQ PYITQNYFPV GTVVEYECRP GYRREPSLSP KLTCLQNLKW STAVEFCKKK SCPNPGEIRN GQIDVPGGIL FGATISFSCN TGYKLFGSTS SFCLISGSSV QWSDPLPECR EIYCPAPPQI DNGIIQGERD	

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HYGYRQSVTY ACNKGFTMIG EHSIYCTVNN DEGEWSGPPP ECRGKSLTSK VPPTVQKPTT VNVPTTEVSP TSQKTTTKTT TPNAQATRST PVSRTTKHFH ETTPNKGSGT TS HHHHHH .

Precautions

CD55 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P08174)