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Datasheet for ABIN7519902
CD55 Protein (Fc Tag)

Overview

Quantity:	50 µg
Target:	CD55
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD55 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Rat CD55 Protein
Sequence:	GDCGPPPDIP NATPNSGKHT KFAHQSQVTY SCNKGFKQIP DKPNTVVCLE NDQWSNYETF CNKTCSAPLR LNYASLKKEY RNMNFFPIGT TVEFECRPGF QKVTSRTGKS TCLEELVWSP VVEFCKKRAC PNPRELKNGH INIPTDILFG SEIIFSCDKG YKLVGVTSTF CSITGNAVDW DDVFPVCTTI FCPDPPKINN GRIREESDSY AYRQSVTYSC DQGFILVGNS SVHCTLNGEV GEWSSAPPKC IERHKVPTKT PPEVDIPSTM PHESTLINFP STRAPLSHKP TTVKVPGTRV KPTSHKPTEV KVPATQHVPV SKTTVRHPTR TSKDRGES
Specificity:	Gly34-Ser371
Purity:	> 92 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<1EU/µg

Target Details

Target:	CD55
Alternative Name:	CD55 (CD55 Products)
Background:	<p>Description: CD55, also well known as decay-accelerating factor (DAF), is a member of the RCA (regulators of complement activation) family characterized by four to 30 SCRs (short consensus repeats) in their plasma-exposed regions. It is a major regulator of the alternative and classical pathways of complement activation and is expressed on all serum-exposed cells. CD55 is physiologically acting as an inhibitor of the complement system, but is also broadly expressed in malignant tumours.</p> <p>Name: Daf, Daf1,CD55</p>
Gene ID:	64036
UniProt:	Q9Z0M0
Pathways:	Complement System, Regulation of Leukocyte Mediated Immunity

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.