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Product Datasheet

Recombinant Mouse CD55 Protein, Human ABB-RP03522

Article Name	Recombinant Mouse CD55 Protein, Human
Biozol Catalog Number	ABB-RP03522
Supplier Catalog Number	RP03522
Alternative Catalog Number	ABB-RP03522-10UG, ABB-RP03522-100UG, ABB-RP03522-50UG, ABB-RP03522-20UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Mouse
Immunogen	Asp35-Gly362
Product Description	Recombinant Mouse CD55 Protein is a major regulator of the alternative and classical pathways of complement activation and is expressed on all serum-exposed cells. This protein recognizes C4b and C3b fragments that condense with cell-surface hydroxyl ...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	36.63 KDa
NCBI	13136
UniProt	Q61475
Purity	90% as determined by reducing SDS-PAGE.
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).

Sequence	DCGPPPDIPNARPILGRHSKFAEQSKVAYSCNNGFKQVPDKSNIVVCLENGQ WSSHETFCEKSCVAPERLSFASLKKEYLNMNFFPVGTIVEYECRPGFRKQPPLP GKATCLEDLVWSPVAQFCKKKSCPNNPKDLDNHINIPTGILFGSEINFSCNPGY RLVGVSSTFCSVTGNTVDWDDEFVCTEIHCPPEPPKINNGIMRGESDSYTYSQ VVTYSCDKGFILVGNASIYCTVSKSDVGQWSSPPPRCIEKSK
Target	Cd55, Cd55a, Daf, Daf1
Application Dilute	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Application Notes	Cross-Reactivity: 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. Research Area: Bio-Markers & CD Antigens