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Product Datasheet

Recombinant Human IgM Protein
ABB-RPT0026

Article Name	Recombinant Human IgM Protein
Biozol Catalog Number	ABB-RPT0026
Supplier Catalog Number	RPT0026
Alternative Catalog Number	ABB-RPT0026-100UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Gln218-Tyr453
Product Description	IgM normally constitutes about 10% of serum immunoglobulins. IgM antibody is prominent in early immune responses to most antigens and predominates in certain antibody responses such as natural blood group antibodies. IgM (with IgD) is the major immun...
Concentration	< 0.01 EU/μg of the protein by LAL method
Molecular Weight	26.71 kDa
NCBI	3507
UniProt	P01871
Purity	90% as determined by SDS-PAGE.
Form	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Sequence	DTAIRVFAIPPSFASIFLTKSTKLTCLVTDLTTYDSVTISWTRQNGEAVKTHTNISESHPNATFSAVGEASICEDDWNSGERFTCTVTHTDLPSPLKQTISRPKGVALHRPDVYLLPPAREQLNLRESATITCLVTGFSPADVFVQWMQRGQPLSPEKYVTSAPMPEPQAPGRYFAHSILTVSEEEWNTGETYTCVVAHEALPNRVTERTVDKSTGKPTLYNVSLVMSDTAGTCY
Target	IGHM
Application Dilute	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
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 stablizer (e.g. 0.1% BSA,5% HSA,10% FBS or 5% Trehalose),and aliquot the reconstituted protein solution to minimize free-thaw cycles. ResearchArea: Other Recombinant Protein