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Product Datasheet

CD44 Protein BYT-ORB1477117

Article Name	CD44 Protein
Biozol Catalog Number	BYT-ORB1477117
Supplier Catalog Number	orb1477117
Alternative Catalog Number	BYT-ORB1477117-1,BYT-ORB1477117-100,BYT-ORB1477117-20
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This CD44 Protein spans the amino acid sequence from region 21-650aa. Purity: Greater than 95% as determined by SDS-PAGE....
Molecular Weight	71.6 kDa
UniProt	A0A2K5VJE0
Buffer	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Source	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
Purity	Greater than 95% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	QIDLNITCRFAGVFHVEKNGRYSISRTEAADLCKAFNSTLPTMAQMEKALSVG FETCRYGFIEGHVVIPRIQPNSICAAANHTGVYILTSNTS QYDTYCFNASAPPKED CTSVDLDPNAFDGPITITIVNPDGTRYIKKGEYRTNPEDIYPSNPTDDDVSSGSS SERSSTSGGYIFHTFSTAHPIDEDGPWITDSTDRIPTATLMSTSATATETATKR QETQDWFSWLFLPSESKNHLHTTTQMAGTSSNTISAG

Application Notes

Biological Origin: *Macaca fascicularis* (Crab-eating macaque) (Cynomolgus monkey). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized *Macaca fascicularis* CD44 at 2 µg/mL can bind Anti-CD44 monoclonal antibody, the EC50 is 64.18-90.91 ng/mL. Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference