

Recombinant Cynomolgus monkey CD44 protein, His-tagged

Cat. No. CD44-4642C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus monkey CD44 protein(A0A2K5VJE0)(21-650aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	21-650aa
Tag	C-His
Form	Lyophilized from a 0.2 um filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis CD44 at 2 ug/mL can bind Anti-CD44 monoclonal antibody, the EC50 is 64.18-90.91 ng/mL.
Molecular Mass	71.6 kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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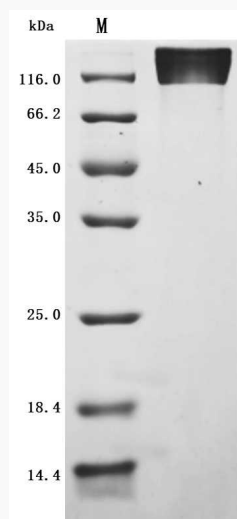
 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

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.

AA Sequence

QIDLNITCRFAGVFHVEKNGRYSISRTEAADLCKAFNSTLPTMAQMEKALSVGFETC
 RYGFIEGHVVIPRIQPNSICAAHNTGVYILTSNTSQYDTYCFNASAPPKEDCTSVTDL
 PNAFDGPITITIVNPDGTRYIKKGEYRTNPEDIYPSNPTDDDVSSESSERSSTSGGYI
 FHTFSTAHPIDEDGPWITDSTDRIPATTL MSTSATATETATKRQETQDWFSWLFLP
 SESKNHLHTTTQMAGTSSNTISAGWEPNEENEDERDRHLSFSGSGIDDED FISS TI
 STTPRVFDHTKQNKDWTQWNPSHSNPEVLLQTTARITADVDRNGTTAHEGNWNPE
 AHPPLIHHEHHEEEETPHSTSTIQAISSSTTEETATQKEQWFGNRWHEGYLQTPRED
 SHSTTGTAASALTSHPMQGRTPSPEDSSWTDFFDPISHPMGRGHQAGRRMDM
 DSSHSTTLQPTADPNTGLVEDLDRTGPLSMTTKQSNSQSFSST SHEGLEEDKDHPTT
 STLTSSNRNDVTGGRRDPNHSEGSTTLLEGYTSHYPDTKESRTFIPVTS AKTGSFGV
 TEVTVGDSNSNVNHSLSGDQDAFYPSGGSHHTHGSSESAGHSHGSQEGGANTTSG
 PVRT PQIPE

SDS-PAGE


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