

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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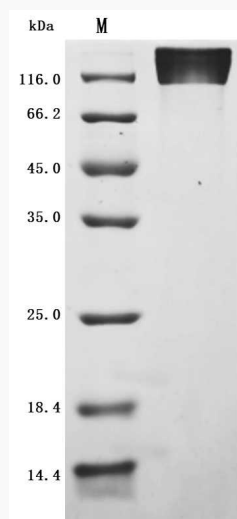
Reconstitution

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
 PNAFDGPITITIVNPDGTRYIKKGEYRTNPEDIYPSNPTDDDVS SSGSSERSSTSGGYI
 FHTFSTAHPIDEDGPWITDSTDRIPATTL MSTSATATETATKRQETQDWFSWLFLP
 SESKNHLHTTTQMAGTSSNTISAGWEPNEENEDERDRHLSFSGSGIDDED FISSTI
 STTPRVFDHTKQNKDWTQWNPSHSNPEVLLQTTARITADVDRNGTTAHEGNWNPE
 AHPPLIHHEHHEEEETPHSTSTIQAI P S S T T E E T A T Q K E Q W F G N R W H E G Y L Q T P R E D
 SHSTTGTAASALTSHPMQGR T T P S P E D S S W T D F F D P I S H P M G R G H Q A G R R M D M
 DSSHSTTLQPTADPNTGLVEDLDRTGPLSMTTKQSNSQSFSST SHEGLEEDKDHPTT
 STLTSSNRNDVTGGRRDPNHSEGSTTLLEGYTS H Y P D T K E S R T F I P V T S A K T G S F G V
 TEVTVGDSNSNVNHSLSGDQDAFYPSGGSH T T H G S E S A G H S H G S Q E G G A N T T S G
 PV RTP Q I P E

SDS-PAGE



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