

Recombinant Human CD44 protein, His-tagged

Cat. No. CD44-4334H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD44 protein(P16070)(21-649aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	21-649aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	73.2 kDa
Purity	Greater than 85% 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.
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.

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AA Sequence

QIDLNITCRFAGVFHVEKNGRYSISRTEAADLCKAFNSTLPTMAQMEKALSIGFETCR
 YGFIEGHVVIPRIHPNSICAANNTGVYILTSNTSQYDTYCFNASAPPEEDCTSVTDLPN
 AFDGPITITIVNRDGTRYVQKGEYRTNPEDIYPSNPTDDDVSSGSSSERSSTSGGYIF
 YTFSTVHPIPEDDSPWITDSTDRIPTTLMSTSATATETATKRQETWDWFSWLFLPS
 ESKNHLHTTTQMAGTSSNTISAGWEPNEENEDERDRHLSFSGSGIDDED FISSTIS
 TTPRAFDHTKQNQDWTQWNPSHSNPEVLLQTTTRMTDVDRNGTTAYEGNWNPEA
 HPPLIHHEHHEEEETPHSTSTIQATPSSTTEETATQKEQWFGNRWHEGYRQTPKED
 SHSTTGTAASAHTSHPMQGRTPSPEDSSWTDFFNPISHPMGRGHQAGRRMDM
 DSSHSITLQPTANPNTGLVEDLDRTGPLSMTTQQSNSQSFSSTSHGLEEDKDHPTT
 STLTSSNRNDVTGGRRDPNHSEGSTTLLEGYTSHPHTKESRTFIPVTSAKTGSFGV
 TAVTVGDSNSNVNRSLSGDQDTFHPSGGSHTTHGSESDGSHSGSQEGGANTTSG
 PIRTPQIPE

GENE INFORMATION

Gene Name CD44 CD44 molecule (Indian blood group) [Homo sapiens]

Official Symbol CD44

Synonyms

CD44; CD44 molecule (Indian blood group); CD44 antigen (homing function and Indian blood group system) , MDU2, MDU3, MIC4; CD44 antigen; CD44R; chondroitin sulfate proteoglycan 8; CSPG8; HCELL; hematopoietic cell E and L selectin ligand; IN; MC56; Pgp1; epican; Hermes antigen; hyaluronate receptor; phagocytic glycoprotein 1; heparan sulfate proteoglycan; cell surface glycoprotein CD44; extracellular matrix receptor III; GP90 lymphocyte homing/adhesion receptor; hematopoietic cell E- and L-selectin ligand; homing function and Indian blood group system; LHR; MDU2; MDU3; MIC4; CDW44; HUTCH-I; ECMR-III; MGC10468;

Gene ID 960

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mRNA Refseq	NM_000610
Protein Refseq	NP_000601
MIM	107269
UniProt ID	P16070

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