

Recombinant Human CD44 protein, His-SUMO-tagged

Cat. No. CD44-2665H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD44 protein(P16070)(21-220aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	21-220aa
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	38.1 kDa
AA Sequence	QIDLNITCRFAGVFHVEKNGRYSISRTEAADLCKAFNSTLPTMAQMEKALSIGFETCR YGFIEGHVVIPRIHPNSICAAANTGVYILTSNTSQYDTYCFNASAPPEEDCTSVTDLPN AFDGPITITIVNRDGRYVQKGEYRTNPEDIYPSNPTDDDVSSGSSSERSSTSGGYIF YTFSTVHPIPEDSPWITDSTDRIIP
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.

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Reconstitution

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%.

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](#)

mRNA Refseq [NM_000610](#)

Protein Refseq [NP_000601](#)

MIM [107269](#)

UniProt ID [P16070](#)

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