

Active Recombinant Human CD44 protein, His-tagged

Cat. No. CD44-3961H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD44 protein(Gln 21-Pro 220), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 21-Pro 220
Tag	C-His
Form	Liquid in sterile PBS, pH7.4.
Bio-activity	Immobilized Human CD44, His Tag at 5 µg/mL (100 µL/well) can bind Hyaluronan biotin sodium salt with a linear range of 39-156 ng/mL.
Molecular Mass	The protein has a calculated MW of 22.9 kDa. The protein migrates as 35-58 kDa under reducing condition (SDS-PAGE) due to glycosylation.
Endotoxin	<1.0EU per 1µg (determined by the LAL method).
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Concentration 1.0mg/ml.

Reconstitution Centrifuge the vial at 4°C before opening to recover the entire contents.

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

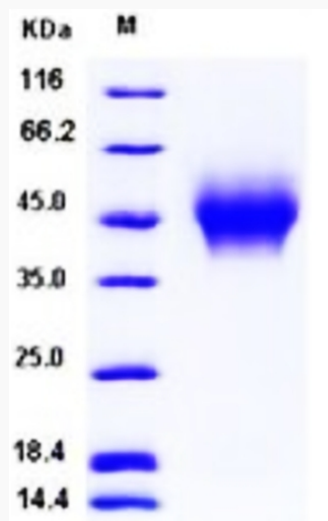
UniProt ID P16070

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SDS-PAGE



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