

Recombinant Human CD44 protein, hFc-tagged

Cat. No. CD44-421H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD44 protein(AAH04372)(AAH04372), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 21 - Pro 220
Tag	C-hFc
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Hyaluronic Acid at 100 µg/mL (100 µL/well) can bind Human CD44 Protein, Fc Tag with a linear range of 0.156-2.5 µg/mL.
Molecular Mass	The protein has a calculated MW of 48.7 kDa.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-HPLC.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

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lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20°C to -70°C for 12 months in lyophilized state;

-70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. 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

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UniProt ID

P16070

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