

Recombinant Human CD44 protein, GST-tagged

Cat. No. CD44-6755H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human CD44 protein(222-430 aa), fused with N-terminal GST tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength 222-430 aa

Tag N-GST

Form The purified protein was Lyophilized from sterile PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

Purity 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

Storage Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

 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

AA Sequence

TSTSSNTISAGWEPNEENEDERDRHLSFSGSGIDDEDFISSTISTTPRAFDHTKQN
 QDWTQWNPSHSNPEVLLQTTTRMTDVRNGTTAYEGNWNPEAHPPLIHHEHHEEE
 ETPHSTSTIQATPSSTTEETATQKEQWFGNRWHEGYRQTPREDSHSTTGAAASA
 HTSHPMQGRTPSPEDSSWTDFFNPISHPMGRGHQAGRRMDM

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](#)

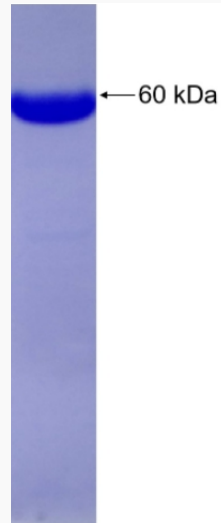
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SDS-PAGE



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