9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-13089: CD44 Human

Alternative Name :	CD44 Molecule (Indian Blood Group), Hematopoietic Cell E- And L-Selectin Ligand, GP90 Lymphocyte Homing/Adhesion Receptor, Chondroitin Sulfate Proteoglycan 8, Extracellular Matrix Receptor III, Heparan Sulfate Proteoglycan, Phagocytic Glycoprotein 1, Hyaluronate Receptor, Hermes Antigen, ECMR-III, HUTCH-I, Epican, CDW44, MDU2, MDU3, MIC4, LHR, CD44 Antigen (Homing Function And Indian Blood Group System),Homing Function And Indian Blood Group System, Cell Surface Glycoprotein CD44, Phagocytic Glycoprotein I, Soluble CD44, CSPG8, HCELL, PGP-1, PGP-I, MC56, Pgp1, IN, CD44 .

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
CD44 is a cell-surface glycoprotein that plays a role in cell-cell interactions, cell adhesion and migration. CD44 is a receptor for hyaluronic acid and also interacts with other ligands, such as osteopontin, collagens, and matrix metalloproteinases. CD44 participates in a wide variety of cellular functions such as lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis.
CD44 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (21-220 a.a.) and fused to a 239 aa hIgG-His-tag at C-terminus containing a total of 439 amino acids and having a molecular mass of 49kDa.CD44 shows multiple bands between 57-70kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	CD44 protein solution (0.25mg/ml) contains 10% glycerol & Phosphate buffered saline (pH7.4).
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	QIDLNITCRF AGVFHVEKNG RYSISRTEAA DLCKAFNSTL PTMAQMEKAL SIGFETCRYG FIEGHVVIPR IHPNSICAAN NTGVYILTSN TSQYDTYCFN ASAPPEEDCT SVTDLPNAFD GPITITIVNR DGTRYVQKGE YRTNPEDIYP SNPTDDDVSS GSSSERSSTS GGYIFYTFST VHPIPDEDSP WITDSTDRIP LEPKSCDKTH TCPPCPAPEL LGGPSVFLFP PKPKDTLMIS RTPEVTCVVV DVSHEDPEVK FNWYVDGVEV HNAKTKPREE QYNSTYRVVS VLTVLHQDWL NGKEYKCKVS NKALPAPIEK TISKAKGQPR EPQVYTLPPS RDELTKNQVS LTCLVKGFYPÂ SDIAVEWESN GQPENNYKTT PPVLDSDGSF FLYSKLTVDK SRWQQGNVFS CSVMHEALHN HYTQKSLSLS PGKHHHHHH

For Research Use Only. Not for use in diagnostic/therapeutics procedures.