

RPPB3038

## Product Information Protein Information

**Product SKU:**

RPPB3038

**Accession:**

P16070

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

CD44 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (21-220 a.a.) and fused to a 239 aa hlgG-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.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

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 .

**Formulation:**

CD44 protein solution (0.25mg/ml) contains 10% glycerol & Phosphate buffered saline (pH7.4).

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

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 Sequence:**

QIDLNITCRF AGVFHVEKNG RYSISRTEAA DLCKAFNSTL PTMAQMEKAL SIGFETCRYG FIEGHVVIPR  
IHPNSICAA NTVGVILTSN TSQYDTYCFN ASAPPEEDCT SVTDLPNAFD GPITITIVNR DGTRYVQKGE  
YRTNPEDIYP SNPTDDDVSS GSSSERSSTS GGYIFYFST VHPIPEDDSP WITDSTDRIP LEPKSCDKTH  
TCPPCPAPEL LGGPSVFLFP PKPKDTLMIS RTPEVTCVVV DVSHEDPEVK FNWYVDGVEV HNAKTKPREE  
QYNSTYRVVS VLTVLHQDWL NGKEYKCKVS NKALPAPIEK TISKAKGQPR EPQVYTLPPS RDELTKNQVS  
LTCLVKGFYP SDIAVEWESN GQPENNYKTT PPVLDSGDSF FLYSKLTVDK SRWQQGNVFS CSVMHEALHN  
HYTQKSLSLSPGKHHHHHHH