

Recombinant Human CD44 Protein

Catalog No.: RP00885 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	960	P16070

Tags

C-Fc

Synonyms

CD44; CDW44; CSPG8; ECMR-III; HCELL; HUTCH-I; IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CD44 antigen; CDW44; CSPG8; ECMR-III; HCELL; HUTCH-I; IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CD44

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Basic Information

Description

Recombinant Human CD44 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Gln21-Pro220) of human CD44 (Accession #P16070) fused with an Fc tag at the C-terminus.

Bio-Activity

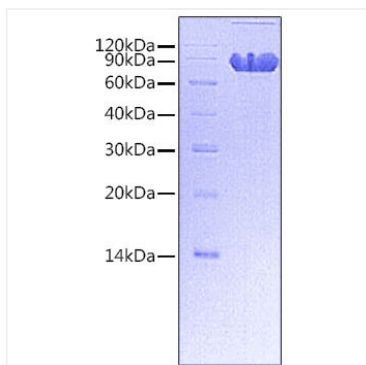
Measured by its ability to bind biotinylated hyaluronan in a functional ELISA with an estimated KD <0.6 nM.

Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

Validation Data



Recombinant Human CD44 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.