

Recombinant Human CD44 Protein(Trx Tag)

RPES9396

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES9396

Purity: > 90% as determined by reducing SDS-PAGE.

Contents: 100µg, 20µg, 500µg, 1mg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 10 EU/mg of the protein as determined by the LAL method

Synonyms: CDW, MIC, CSPG, Phagocytic glycoprotein, MDU, Pgp, CDW44, CSPG8, ECMR-III, HCELL, HUTCH-I, IN, LHR, MC56, MDU2, MDU3, MIC4, Pgp1, CD44, CD44 antigen, Epican, PGP-1, PGP-I, Phagocytic glycoprotein 1, Phagocytic glycoprotein I, H-CAM, CD44v, Pgp-1, EMCR III, CD44s, BA-1, CD 44, CD44 molecule, CD44 molecule (Indian blood group), CD44v9, Cell surface glycoprotein CD44, chondroitin sulfate proteoglycan 8, Extracellular matrix receptor III, GP90 lymphocyte homing/adhesion receptor, hematopoietic cell E- and L-selectin ligand, Heparan sulfate proteoglycan, Hermes antigen, homing function and Indian blood group system, HSA, HUTCH1, Hyaluronate receptor, INLU-related p80 Glycoprotein, MGC10468, MUTCH1, Soluble CD44

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

Tag: N-Trx

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: E.coli

Bio-Activity: Not validated for activity

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Calculated MW: 37.3 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Observed MW: 37 kDa

Reconstitution: It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Accession: P16070

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Source: E.coli-derived Human CD44 protein Leu24-Ser182, with an N-terminal Trx

Sequence: Leu24-Ser182

Notes: Centrifuge before opening to ensure complete recovery of vial contents.

Form: Lyophilized powder