

Recombinant Mouse CD38 Protein (His Tag)

RPES4036

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: RPES4036

Purity: > 97 % as determined by reducing SDS-PAGE.

Contents: 500µg, 50µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Mouse

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Synonyms: ADPRC 1-rs1, ADPRC1, CD38, CD38 antigen, CD38 antigen (p45), CD38 molecule, Cd38, Cd38-rs1, Cyclic ADP-ribose Hydrolase, Cyclic ADP-ribose hydrolase 1, EC 3.2.2.5, I-19, NAD(+) nucleosidase, T10, cADPr hydrolase 1

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: C-His

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

Expression Host: HEK293 Cells

Bio-Activity: Measured by its ability to convert the substrate nicotinamide guanine dinucleotide (NGD+) to cyclic GDPribose. The specific activity is > 50, 000pmols/min/ug.

Calculated MW: 31.3 kDa

Formulation: Lyophilized from sterile 20mM MES, 0.15M NaCl, pH 6.5 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Observed MW: 38-42 kDa

Reconstitution: Please refer to the printed manual for detailed information.

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

Accession: NP_031672.2

Source: HEK293 Cells-derived Mouse CD38 protein Leu 45-Thr 304, with an C-terminal His

Sequence: Leu 45-Thr 304

Form: Lyophilized powder

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

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