Recombinant Rat B2M/β2-MG Protein (His Tag)
RPES9121

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: RPES9121

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

Species: Rat

Synonyms: B2MG, Beta 2 microglobin, Beta 2 microglobulin precursor, Beta chain of MHC class I molecules, Beta chain of mhc class 1 proteins, Beta-2-Microglobulin, CDABP0092, Hdcma22p, IMD43

Tag: N-His

Expression Host: E.coli

Calculated MW: 11.6 kDa

Observed MW: 13 kDa

Accession: P07151-1

Source: E.coli-derived Rat B2M protein Ile21-Met119, with an N-terminal His

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

Concentration: -

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

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Store Bradford Reagent at Room Temperature for 1 year.

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

Bio-Activity: Not validated for activity

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

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.

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

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

Sequence: Ile21-Met119

Form: Lyophilized powder

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