

Recombinant Human MAP1D Protein (His Tag)

RPES2579

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: RPES2579

Purity: > 92 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Human

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

Synonyms: MAP 1D, MAP1D, METAP1D, MetAP 1D, Metap1l, Methionine Aminopeptidase 1D Mitochondrial, Methionyl Aminopeptidase Type 1D Mitochondrial

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: Baculovirus-Insect Cells

Bio-Activity: Measure by its ability to remove methionine from a fluorogenic peptide substrate H-Met-Gly-Pro-AMC, R&D Systems, Catalog#ES017. The resulting GP-AMC is cleaved by human DPPiV/CD26, R&D Systems, Catalog#1180SE. The specific activity is > 30 pmoles/min/µg.

Calculated MW: 33.4 kDa

Formulation: Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0 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.

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

Observed MW: 36 kDa

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

Accession: NP_954697.1

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: Baculovirus-Insect Cells-derived Human MAP1D protein Arg 44-Ala 335, with an C- terminal His

Sequence: Arg 44-Ala 335

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

Form: Lyophilized powder