

Recombinant Human ANPEP/CD13 Protein (603 Met/Ile, His Tag)

RPES0546

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: RPES0546

Purity: > 97 % 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: LAP, ANPEP, APN, CD13, GP150, LAP1, P150, PEPN, Aminopeptidase N, AP-M, AP-N, CD13 antigen, CD13APN, PEPNhAPN, gp150, Alanyl (membrane) aminopeptidase, Alanyl aminopeptidase, Aminopeptidase M, AMPN, AP M, AP N, CD 13, hAPN, LAP 1, Microsomal aminopeptidase, Myeloid plasma membrane glycoprotein CD13

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 cleave the fluorogenic peptide substrate, Ala-7-amido-4-methylcoumarin (Ala-AMC). The specific activity is > 2, 500 pmoles/min/µg.

Calculated MW: 104.2 kDa

Formulation: Lyophilized from sterile PBS, pH 7.3. 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: 135-140 kDa

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

Accession: NP_001141.2

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: HEK293 Cells-derived Human ANPEP/CD13 protein Lys 69-Lys 967,603 Met/Ile, with an C-terminal His

Sequence: Lys 69-Lys 967 1/4 CE603 Met/Ile

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

Form: Lyophilized powder