

Recombinant Human CD10/Neprilysin Protein (His Tag)

RPES0854

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: RPES0854

Purity: > 95 % 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: SCA, Neutral endopeptidase 24., CALLA, CD10, CMT2T, NEP, SCA43, SFE, MME, Atriopeptidase, Common acute lymphocytic leukemia antigen, Enkephalinase, Neprilysin, Neutral endopeptidase, Neutral endopeptidase 24.11, Skin fibroblast elastase, EPN, NEP, gp100, CD10 antigen, CD10), DKFZp686O16152, EC 3.4.24.11, enkephalinase), Membrane metallo endopeptidase, Membrane metallo endopeptidase (neutral endopeptidase, Membrane metallo endopeptidase variant 1, Membrane metallo endopeptidase variant 2, Membrane metalloendopeptidase, Membrane metalloendopeptidase neutral endopeptidase enkephalinase, Membrane metalloendopeptidase neutral endopeptidase enkephalinase CALLA CD10, Membrane metalloendopeptidase variant 1, Membrane metalloendopeptidase variant 2, membrane-associated, MGC126681, MGC126707, neprilysin-390, neprilysin-411

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-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, Mca-RPPGFSAFK (Dnp)-OH, The specific activity is > 1,500 pmoles/min/μg.

Calculated MW: 82.2 kDa

Formulation: Lyophilized from sterile 20mM MES, 100mM NaCl, 1mM ZnCl₂, 10% Glycerol, pH6.5. 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: 95-105 kDa

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

Accession: NP_000893.2

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 CD10/Nepilysin protein Tyr 52-Trp 750, with an N- terminal His

Sequence: Tyr 52-Trp 750

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

Form: Lyophilized powder

