

# Recombinant Human CD10/Neprilysin Protein (Fc Tag)

RPES0873

## 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:** RPES0873

**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-hFc

**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, (R&D Systems, Catalog # ES005). The specific activity is > 1000 pmoles/min/μg.

**Calculated MW:** 106 kDa

**Formulation:** Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5 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:** 120-130 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/Nepriylsin protein Tyr 52-Trp 750, with an N- terminal hFc

**Sequence:** Tyr 52-Trp 750

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

**Form:** Lyophilized powder

