



## HUMAN NEPRILYSIN (NEP)/CD10 RECOMBINANT

### Product Information

Code	00724-06-10
Name	Human Neprilysin (NEP) Rec.
Lot No.	
Size	10 µg
Species	Human
Sequence	Tyr52-Trp750
Protein ID	NP_00893.2
Gene ID	NM_00902.3
MW	90-100 KD (Reduce)
Tag	N/A
Source	Human cells
Purity	>95% in SDS- PAGE gel TBS lyophilized
Formulation	Form without preservatives
Carry	0.1% BSA
Storage	-20 ° C ~ -70° C
Reconstitution	100 µl
Application	Cell Biology

### Description

A DNA sequence encoding the extracellular domain of human Neprilysin (NEP)/CD10 (Tyr52-Trp750). The recombinant human soluble neprilysin has a predicted molecular mass of 80 kDa. As a result of glycosylation, it migrates as an approximately 90-100 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized 10 µg of human soluble Neprilysin in 50 µl of TBS, pH 8.0 contains 0.1% BSA

### Reconstitution & Storage

Add 50 µl TBS, pH 8.0 to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4 ° C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (12 months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** human Soluble Neprilysin (Tyr52-Trp750)

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

### Bioactivity:

Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPPGFSAFK-(Dnp)-OH. The specific activity is >2500 pmol/min/µg.

### AVISCERA BIOSCIENCE, INC

2348 WALSH AVE., SUITE C  
SANTA CLARA, CA 95051  
USA

TEL: (408) 982 0300

Sales@AvisceraBioscience.com

www.AvisceraBioscience.com

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