

Recombinant Human ADM2 Protein, His-tagged

Cat. No. ADM2-86H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADM2 Protein (Thr101-Tyr147) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr101-Tyr147
Description	This gene encodes a member of the calcitonin gene-related peptide (CGRP)/calcitonin family of hormones that play a role in the regulation of cardiovascular homeostasis, prolactin release, anti-diuresis, anti-natriuresis, and regulation of food and water intake. The encoded protein is proteolytically processed to generate one or more biologically active peptides.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 8.7 kDa Accurate Molecular Mass: 13 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

ADM2 adrenomedullin 2 [Homo sapiens (human)]

Official Symbol

ADM2

Synonyms

ADM2; adrenomedullin 2; AM2; dJ579N16.4; protein ADM2; intermedin

Gene ID

79924

mRNA Refseq

NM_024866

Protein Refseq

NP_079142

MIM

608682

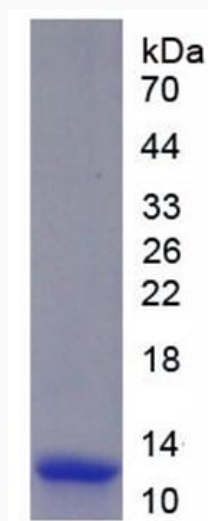
UniProt ID

Q7Z4H4

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