Creative Enzymes®

angiotensin-converting enzyme 2

Cat. No. EXWM-4076

Lot. No. (See product label)

Introduction

Description	A transmembrane glycoprotein with an extracellular catalytic domain. Angiotensin-converting enzyme 2 functions as a carboxypeptidase, cleaving a single C-terminal residue from a distinct range of substrates. Catalytic efficiency is 400-fold higher with angiotensin II (1–8) as a substrate than with angiotensin I (1–10). Angiotensin-converting enzyme 2 also efficiently hydrolyses des-Arg9-bradykinin, but it does not hydrolyse bradykinin. In peptidase family M2.
Synonyms	ACE-2; ACE2; hACE2; angiotensin converting enzyme 2; angiotensin converting enzyme-2; Tmem27

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.17.23
Reaction	angiotensin II + H2O = angiotensin-(1–7) + L-phenylalanine
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.