Active Recombinant Rat Ace2, His-tagged

Cat. No. Ace2-639R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ace2 (Accession # NP_001012006) Met1-Thr740, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Rat
Source	Mammalian Cells
ProteinLength	1-740 a.a.
Predicted N Terminal	No results obtained: Gln18 predicted
Form	Supplied as a 0.2 μm filtered solution in Tris, NaCl, ZnCl2 and Glycerol.
Bio-activity	Measured by its ability to cleave a fluorogenic peptide substrate, Mca-YVADAPK(Dnp)-OH .The specific activity is >300 pmol/min/μg, as measured under the described conditions.
Molecular Mass	Recombinant Rat Ace2, His-tagged has a calculated MW of 85 kDa. In SDS-PAGE migrates as 120 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	Ace2 angiotensin I converting enzyme (peptidyl-dipeptidase A) 2 [Rattus norvegicus]
Official Symbol	Ace2
Synonyms	ACE2; angiotensin I converting enzyme (peptidyl-dipeptidase A) 2; angiotensin-converting enzyme 2; ACE-related carboxypeptidase; angiotensin I converting enzyme 2; renal angiotensin-converting enzyme 2; anigotensin-converting enzyme-related carboxypeptidase;
Gene ID	302668
mRNA Refseq	NM_001012006
Protein Refseq	NP_001012006
MIM	

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