

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 µ filtered solution in Tris, NaCl, ZnCl ₂ 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/g, 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 (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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; anigtensin-converting enzyme-related carboxypeptidase;

Gene ID [302668](#)

mRNA Refseq [NM_001012006](#)

Protein Refseq [NP_001012006](#)

MIM

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