

Datasheet for ABIN7273790

**ACE2 Protein (His-Avi Tag,Biotin)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	ACE2
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACE2 protein is labelled with His-Avi Tag,Biotin.

## Product Details

Sequence:	Gln18-Val739
Purity:	> 95% as determined by Tris-Bis PAGE,> 95% as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	ACE2
Alternative Name:	ACE2 ( <a href="#">ACE2 Products</a> )
Background:	<p>ACE-2, ACEH, ACE2,ACE2 (Angiotensin I Converting Enzyme 2) is a Protein Coding gene.</p> <p>Diseases associated with ACE2 include Severe Acute Respiratory Syndrome and Neurogenic Hypertension.The protein encoded by this gene belongs to the angiotensin-converting enzyme family of dipeptidyl carboxydipeptidases and has considerable homology to human angiotensin 1 converting enzyme. This secreted protein catalyzes the cleavage of angiotensin I into</p>

## Target Details

angiotensin 1-9, and angiotensin II into the vasodilator angiotensin 1-7.

**Molecular Weight:** 86.5 kDa. Due to glycosylation, the protein migrates to 87-110 kDa based on Tris-Bis PAGE result.

**UniProt:** [A0A2K5X283](#)

**Pathways:** [ACE Inhibitor Pathway](#), [Peptide Hormone Metabolism](#), [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [Feeding Behaviour](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

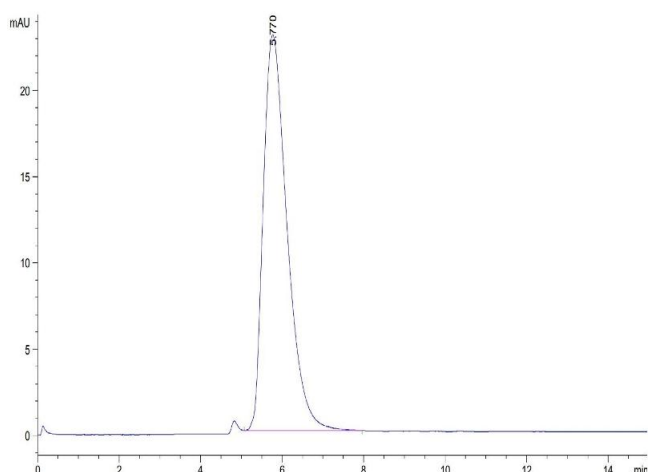
**Buffer:** Supplied as 0.22µm filtered solution in PBS ( pH 7.4).

**Storage:** -80 °C

**Storage Comment:** Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

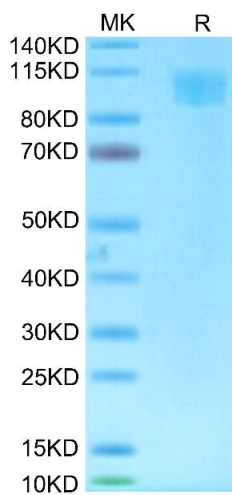
**Expiry Date:** 12 months

## Images



### Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 1.** The purity of Biotinylated Cynomolgus ACE2 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

**Image 2.** Biotinylated Cynomolgus ACE2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .