

## Overview

|                            |   |
|----------------------------|---|
| <b>Synonyms</b>            | Human Angiotensin-Converting Enzyme 2, ACE-2  |
| <b>Description</b>         | Angiotensin-Converting Enzyme 2 (ACE-2) is an integral membrane protein and a zinc metalloprotease of the ACE family. The ACE family includes somatic and germinal ACE. ACE-2 cleaves angiotensins I and II as a carboxypeptidase. ACE-2 converts angiotensin I to angiotensin 1-9, and angiotensin II to angiotensin 1-7. ACE-2 is also able to hydrolyze apelin-13 and dynorphin-13 with high efficiency. |
| <b>Species</b>             | Human   |
| <b>Source</b>              | Human Cells   |
| <b>Tag</b>                 | Fc tag  |
| <b>Biological Activity</b> | <b>ACE-2, Human</b> can bind with S-RBD in functional ELISA assay.  |

## Properties

|                         |  |
|-------------------------|--|
| <b>Molecular Weight</b> | Predicted molecular weight: 110.5KD  |
| <b>Purity</b>           | > 95% as analyzed by SDS-PAGE  |
| <b>Formulation</b>      | Liquid   |
| <b>Component</b>        | 20mM Tris-HCl, 300mM NaCl, 1mM ZnCl <sub>2</sub> , 10% Glycerol, pH 7.4  |
| <b>Storage</b>          | The product can be stored at -20°C or below. Avoid repeated freezing and thawing cycles. The shelf life of the product is unspecified. |
| <b>Note</b>             | <b>For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.</b>       |

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