

**DATASHEET**

Version 20200306

**ACE-2 Fc Chimera, Human****Cat. No.:** Z03484-100; Z03484-1**Size:** 100µg/ 1mg**Synonyms:** Human Angiotensin-Converting Enzyme 2, ACE-2**Source:** Human Cells**Species:** Human**Molecular Weight:** Predicted molecular weight: 110.5KD**Biological Activity:** ACE-2, Human can bind with S-RBD in functional ELISA assay.**Tag:** Fc tag**Formulation:** Liquid**Purity:** > 95% as analyzed by SDS-PAGE**Storage buffer:** 20mM Tris-HCl, 300mM NaCl, 1mM ZnCl<sub>2</sub>, 10% Glycerol, pH 7.4**Storage:** The product can be stored at -20°C or below. Avoid repeated freezing and thawing cycles. The shelf life of the product is unspecified.**Description:**

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.

***For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.***