

DATASHEET

Version 20210113

ACE-2 Fc Chimera, Human (CHO-expressed)**Cat. No.:** T80801-100; T80801-0.5; T80801-1**Size:** 100µg / 0.5mg / 1mg**Synonyms:** Human Angiotensin-Converting Enzyme 2, ACE-2**Source:** CHO**Species:** Human**Biological Activity:** ACE-2 Fc Chimera, Human (CHO-expressed) can bind with S-RBD in functional ELISA assay.**Molecular Weight:** 110.5 KD (predicted on protein sequence)**Tag:** Fc tag**Formulation:** Liquid, PBS, pH 7.4**Purity:** >95% as analyzed by SDS-PAGE**Storage buffer:** PBS pH 7.4**Storage:** Upon receiving, the product can be stored at -25°C~-15°C or below. Please avoid repeated freeze-thaw cycles.**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. ACE-2 Fc Chimera, Human (CHO-expressed) carries a human IgG1 Fc tag at the C-terminus. It has high binding affinity to S-RBD. ACE-2 Fc Chimera, Human (CHO-expressed) (Z03516) has higher SEC purity and better batch-to-batch stability than ACE-2 Fc Chimera, Human (Z03484).

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