

## Human ACE2 / Angiotensin-Converting Enzyme 2 Protein (His Tag), Biotinylated

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| Catalog_no :       | AD-PD265986  |
| Category :         | 冠状病毒产品   |
| Size :             | 20ug/100ug   |
| Specificity :      | Human  |
| Source :           | HEK293 Cells   |
| Notes :            | A DNA sequence encoding the human ACE2 (NP_068576.1) (Met1-Ser740) was expressed with a polyhistidine tag at the C-terminus. The purified protein was biotinylated in vitro.   |
| 纯度 :               | > 95 % as determined by SDS-PAGE.  |
| 缓冲液 :              | Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information         |
| 运输及保存条件 :          | In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.          |
| Molecular Weight : | The recombinant human ACE2 consists of 734 amino acids and predicts a molecular mass of 85.1 kDa.  |
| 内毒素 :              | < 1.0 EU per $\mu$ g protein as determined by the LAL method.  |
| 生物活性 :             | Measured by its binding ability in a functional ELISA. Immobilized 2019-nCoV Spike Protein (RBD, mFc Tag) (Cat: 40592-V05H) at 2 $\mu$ g/mL (100 $\mu$ L/well) can bind human ACE2 protein (His tag), Biotinylated, the EC50 of ACE2, Biotinylated is 10-35 ng/mL. |