

Product Datasheet

Human ACE-2 (orb2993140)

Catalog Number	orb2993140
Category	Proteins
Description	Recombinant Human Angiotensin-Converting Enzyme 2 is produced by our Mammalian expression system and the target gene encoding Gln18-Ser740 is expressed with a human IgG1 Fc tag at the C-terminus.
Conjugation	Unconjugated
Tag	C-Fc
Form/Appearance	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 300mM NaCl, 10% Glycerol, 100mM Glycine, pH 7.4.
Purity	SDS-PAGE: Greater than 95% as determined by reducing SDS-PAGE.. SEC-HPLC: Greater than 95% as determined by SEC-HPLC. (QC verified)
UniProt ID	Q9BYF1
MW	Predicted: 110.5 KDa. Observed: 110-140 KDa, reducing conditions
Expression System	Human Cells
Endotoxins	1 EU/µg as determined by LAL test.
Biological Origin	Human

Biorbyt Ltd.

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Biological Activity

ELISA: Immobilized 2019-nCoV S Protein RBD-SD1-mFc(Cat#DRA38) at 2µg/ml (100 µl/well) can bind Human ACE-2-Fc(Cat#orb2993140). The ED50 of Human ACE-2-Fc(Cat#orb2993140) is 25-250 ng/ml. (QC verified) Immobilized 2019-nCoV S-trimer Protein-His(Cat#DRA107) at 2µg/ml (100 µl/well) can bind Human ACE-2-Fc(Cat#orb2993140). The ED50 of Human ACE-2-Fc(Cat#orb2993140) is 23.83 ng/ml. Immobilized 2019-nCoV S1 Protein-His(Cat#DRA133) at 5µg/ml (100 µl/well) can bind Human ACE-2-Fc(Cat#orb2993140). The ED50 of Human ACE-2-Fc(Cat#orb2993140) is 21.73 ng/ml. Immobilized 2019-nCoV S-trimer Protein-His(Cat#DRA136) at 2µg/ml (100 µl/well) can bind Human ACE-2-Fc(Cat#orb2993140). The ED50 of Human ACE-2-Fc(Cat#orb2993140) is 11.98 ng/ml. Immobilized 2019-nCoV S-trimer Protein-His(Cat#DRA153) at 5µg/ml (100 µl/well) can bind Human ACE-2-Fc(Cat#orb2993140). The ED50 of Human ACE-2-Fc(Cat#orb2993140) is 30.11 ng/ml. Immobilized 2019-nCoV S-trimer Protein-His(Cat#DRA154) at 5µg/ml (100 µl/well) can bind Human ACE-2-Fc(Cat#orb2993140). The ED50 of Human ACE-2-Fc(Cat#orb2993140) is 95.28 ng/ml. Immobilized 2019-nCoV S-trimer Protein-His(Cat#DRA157) at 5µg/ml (100 µl/well) can bind Human ACE-2-Fc(Cat#orb2993140). The ED50 of Human ACE-2-Fc(Cat#orb2993140) is 50.33 ng/ml. Immobilized 2019-nCoV S-trimer Protein-His(Cat#DRA168) at 2µg/ml (100 µl/well) can bind Human ACE-2-Fc(Cat#orb2993140). The ED50 of Human ACE-2-Fc(Cat#orb2993140) is 0.133 µg/ml. Immobilized SARS-CoV-2 S-trimer Protein-His(Cat#DRA175) at 2µg/ml (100 µl/well) can bind Human ACE-2-Fc(Cat#orb2993140). The ED50 of Human ACE-2-Fc(Cat#orb2993140) is 0.19 ng/ml. Immobilized SARS-CoV-2 S-trimer Protein-His(Cat#DRA177) at 5µg/ml (100 µl/well) can bind Human ACE-2-Fc(Cat#orb2993140). The ED50 of Human ACE-2-Fc(Cat#orb2993140) is 29.80 ng/ml. Immobilized 2019-nCoV S1 Protein(Cat#DRA35) at 2µg/ml (100 µl/well) can bind Human ACE-2-Fc(Cat#orb2993140). The ED50 of Human ACE-2-Fc(Cat#orb2993140) is 15-150 ng/ml. Immobilized SARS-CoV-2 S Protein RBD-SD1-His (Cat#DRA42) at 5µg/ml (100 µl/well) can bind Human ACE-2-Fc(Cat#orb2993140). The ED50 of Recombinant Human ACE-2-Fc(Cat#orb2993140) is 76 ng/ml. Immobilized 2019-nCoV S1-His (Cat#DRA47) at 5µg/ml (100 µl/well) can bind Human ACE-2-Fc(Cat#orb2993140). The ED50 of Recombinant Human ACE-2-Fc(Cat#orb2993140) is 58.3 ng/ml.

Expression Region

Gln18-Ser740

Storage

Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.

Note

For research use only

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Explore. Bioreagents.

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Expiration Date 6 months from date of receipt.

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