Active Recombinant Mink ACE2 protein, His-tagged

Cat. No. ACE2-2879M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mink ACE2 protein(Gln 18-Thr 740), fused with His tag, was expressed in HEK293.
Species	Mink
Source	HEK293
ProteinLength	Gln 18-Thr 740
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 150 mM Nacl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Mink ACE2, His Tag immobilized on CM5 Chip can bind SARS-CoV-2 S protein RBD (Y453F), His Tag with an affinity constant of 0.178 μM as determined in a SPR assay (Biacore T200).Mink ACE2, His Tag immobilized on CM5 Chip can bind SARS-CoV-2 S protein RBD, His Tag with an affinity constant of 8.34 μM as determined in a SPR assay (Biacore T200).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 86.3 kDa. The protein migrates as 95-105 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage	For long term storage, the product should be stored at lyophilized state at-20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage at:-20°C to-70°C for 12 months in lyophilized state;-70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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