

Human ACE2, Fc Tag, HEK293

Catalog Number LDG009PHM

Package 5 µg / 20 µg / 100 µg / Customized package

“ Publications (2)

For full product information, images and publications, please visit [our website](#).



Specifications

Species of Origin

Human

Affinity Tag

Mouse IgG2b Fc Tag (C-term)

Purity

>98% as determined by SDS-PAGE analysis.

Endotoxin level

<0.1 EU per 1 µg of the protein by the LAL method.

Expression system

HEK293

Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Molecular weight

The protein has a calculated MW of 109.67 kDa. The protein migrates as 120-170 kDa under reducing condition (SDS-PAGE analysis).

Form

Lyophilized

Background

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Background

Angiotensin-Converting Enzyme 2 (ACE2) has a function as an enzyme that hydrolysis the angiotensin II into angiotensin which do the effect of anti-oxidation and anti-inflammatory in cardiovascular system through the inhibition of MAPK pathway and TGF β signaling pathway. ACE2 is highly expression in intestines, kidney, and heart. It is also found highy expression in patients with lung cancer.

Uniprot ID

#Q9BYF1

Synonyms

Angiotensin-converting enzyme 2, Angiotensin-converting enzyme homolog, ACEH, Angiotensin-converting enzyme-related carboxypeptidase, ACE-related carboxypeptidase, Metalloprotease MPROT15

Sequence Note

Gln18-Ser740

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 200 μ g/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Stability & Storage

This product is stable after storage at:

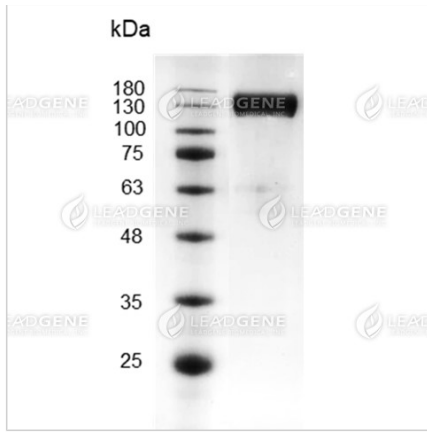
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Image



SDS-PAGE analysis of recombinant human ACE2.

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