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Recombinant Cyn. monkey ACE2 protein, C-His-Avi (HEK293)

Catalog Number:	bs-47021P
Concentration:	>0.5 mg/ml
AA Seq:	18-739/805
Predicted MW:	86.5
Detected MW:	Due to glycosylation, the protein migrates to 95-110 kDa based on Tris-Bis PAGE result.
Tags:	C-His-Avi
Activity:	Not tested
Endotoxin:	<1.0 EU/µg as determined by LAL
Purity:	>95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC
Purification:	AC
Form:	Lyophilized
Storage:	Lyophilized from 0.22um filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5 $\%$
	trehalose is added as protectant before Lyophilization.
	Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.
Background:	The protein encoded by this gene belongs to the angiotensin-converting enzyme family of
	dipeptidyl carboxydipeptidases and has considerable homology to human angiotensin 1
	converting enzyme. This secreted protein catalyzes the cleavage of angiotensin I into
	angiotensin 1-9, and angiotensin II into the vasodilator angiotensin 1-7. The organ- and cell
	specific expression of this gene suggests that it may play a role in the regulation of
	cardiovascular and renal function, as well as fertility. In addition, the encoded protein is a
	functional receptor for the spike glycoprotein of the human coronaviruses SARS and HCoV-
	NL63. [provided by RefSeq, Jul 2008]

VALIDATION IMAGES



Cynomolgus ACE2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

The purity of Cynomolgus ACE2 is greater than

95% as determined by SEC-HPLC.



Recombinant Cynomolgus ACE2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Cynomolgus ACE2 is greater than 95% as determined by SEC-HPLC

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.38] Lalioti, Vasiliki. et al. Cell surface detection of vimentin, ACE2 and SARS-CoV-2 Spike proteins reveals selective colocalization at primary cilia. SCI REP-UK. 2022 Apr;12(1):1-19 Other ; . 10.1038/s41598-022-11248-y