

Product datasheet for **TP720353**

ACE2 (NM_021804) Human Recombinant Protein (Angiotensin Converting Enzyme 2)

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant secreted form of human ACE2 (Gln18 to Ser740)
Species:	Human
Expression Host:	HEK293
Tag:	C-His
Predicted MW:	84.6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	20mM Tris-HCl, 150mM NaCl, 0.1mM ZnCl ₂ , 10% Glycerol, pH 7.5.
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_068576
Locus ID:	59272
RefSeq Size:	3519
Cytogenetics:	Xp22.2
RefSeq ORF:	2415
Synonyms:	ACEH
Summary:	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 coronavirus HCoV-NL63 and the human severe acute respiratory syndrome coronaviruses, SARS-CoV and SARS-CoV-2 (COVID-19 virus). [provided by RefSeq, Mar 2020]



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Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Renin-angiotensin system

Product images:

