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## Product Datasheet

### **Angiotensin-converting Enzyme 2, Active, Recombinant, Human, His-Tag, aa18-740 (ACE2) USB-586834**

Article Name	Angiotensin-converting Enzyme 2, Active, Recombinant, Human, His-Tag, aa18-740 (ACE2)
Biozol Catalog Number	USB-586834
Supplier Catalog Number	586834
Alternative Catalog Number	USB-586834-10, USB-586834-50
Manufacturer	US Biological
Category	Molekularbiologie
Product Description	Angiotensin-converting enzyme 2 (ACE2), also known as ACAH, is an essential counter-regulatory carboxypeptidase of the renin-angiotensin hormone system, which is a critical regulator of blood volume, systemic vascular resistance, and thus cardiovascular function. It is involved in the conversion of angiotensin I to angiotensin II, and it also has a role in the degradation of bradykinin. ACE2 is expressed in various tissues, including the heart, lungs, kidneys, and brain. It is a membrane-bound protein that is activated by proteolytic cleavage.
Molecular Weight	84.63
UniProt	<a href="#">Q9BYF1</a>
Purity	95% (SDS-PAGE) Endotoxin: 1EU/ug (LAL)
Form	Supplied as a lyophilized powder from 20mM Tris-HCl, pH 7.4, 300mM sodium chloride, 1mM ZnCl <sub>2</sub> , 10% glycerol. Reconstitute with sterile ddH <sub>2</sub> O, 0.1% BSA to a concentration of 0.1-1mg/ml.