

ACE2 Ectodomain

Product	Catalog No.	Package size
ACE2 Ectodomain (25 µg)	28621	1 x 25 µg
ACE2 Ectodomain (100 µg)	28623	4 x 25 µg

Please contact us for bulk quantities.

Product Description

Alternative names	ACE2 (Angiotensin-converting enzyme 2)
UniProt number	Q9BYF1
Protein class	Single span transmembrane protein, Ectodomain
Organism	Human (Homo sapiens)
Sequence	Ectodomain (aa 1 – 740), including signal peptide, 6 x His tag fused to C-terminus
Affinity tag	C-terminal 6x His tag without spacer
Expression Host	Hek293 Expi cells
Size	746 amino acids (including 6 x His tag) 86,1 kDa
Buffer composition	20 mM Hepes pH 7.4; 100 mM NaCl
Function	Host cell receptor for virus entry, Protease

Quality Control

Purity (SDS-PAGE)	>95% as determined by SDS-PAGE, see Fig. 1
Homogeneity	Size Exclusion Chromatography
Activity	not determined

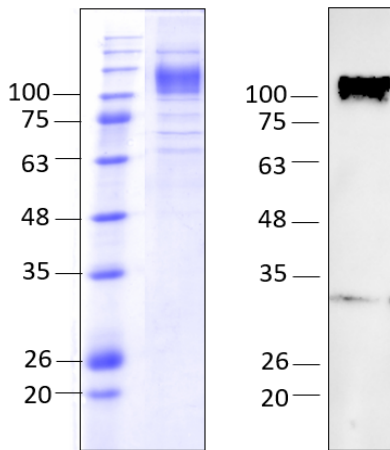


Fig. 1: Size and purity of ACE2 ectodomain assessed by SDS-PAGE, Western Blot using a His antibody

Preparation:

Expression system	Hek293 Expi cells
Purification	Affinity purification (INDIGO Agarose) and size exclusion chromatography
Buffer	20 mM HEPES pH 7.4, 100 mM NaCl
Form	Liquid

Applications

- ELISA assays
- Ligand binding assays (e.g. SPR)
- Biochemical and biophysical analyses

Shipping & Storage

Shipping conditions	Dry ice
Storage conditions	-80°C. Avoid freeze-thaw cycles

Disclaimer: Our products are intended for molecular biology applications. These products are not intended for the diagnosis, prevention, or treatment of a disease.

Proteins are our passion.