



Human recombinant ACE2-Fc

Catalogue #	P-308-100
Description:	Protein contains amino acids 18-740 and human IgG1 Fc in C-terminus.
Uniprot ID:	Q9BYF1
MW:	112.14 kDa
Host:	CHO-based cell line (expressed by QMCF Technology)
Purification:	Purified by Protein A affinity chromatography following gel filtration. Protein is sterile-filtrated through 0.22 µm filter.
Purity:	>95%
Concentration:	1 mg/ml
Buffer:	20 mM Na-citrate, 150 mM NaCl; pH 6.0
Endotoxine:	NA
Bioproperties:	Tested for binding Spike S1, RBD and RBD2 by Octet system
QC:	SDS-PAGE NanoDrop A280, analytical SEC
Shipping:	Shipped on dry ice
Storage:	Store at -70°C upon receipt. Recommended to aliquot into smaller quantities. Avoid repeated freeze-thaw cycles
Custom price	Custom quantity - ask quotation

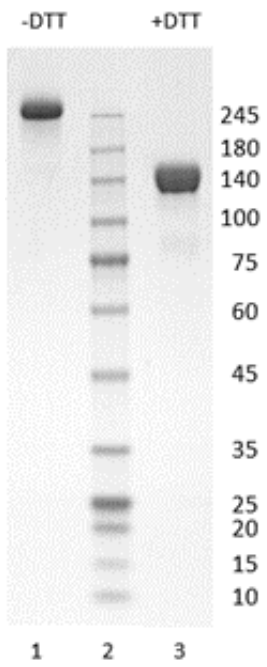


Figure 1. Coomassie-stained SDS-PAGE analysis of ACE2-Fc. 4-15% gradient gel is used for analysis. Lane 1. ACE2-hFc (-DTT). Lane 2. Size marker. Line 3. ACE2-hFc (+DTT).

Peak Table

Peak #	RT (min)	Area	Area %
1	5.844	366.76	7.70
2	6.380	4398.94	92.30

Chromatogram

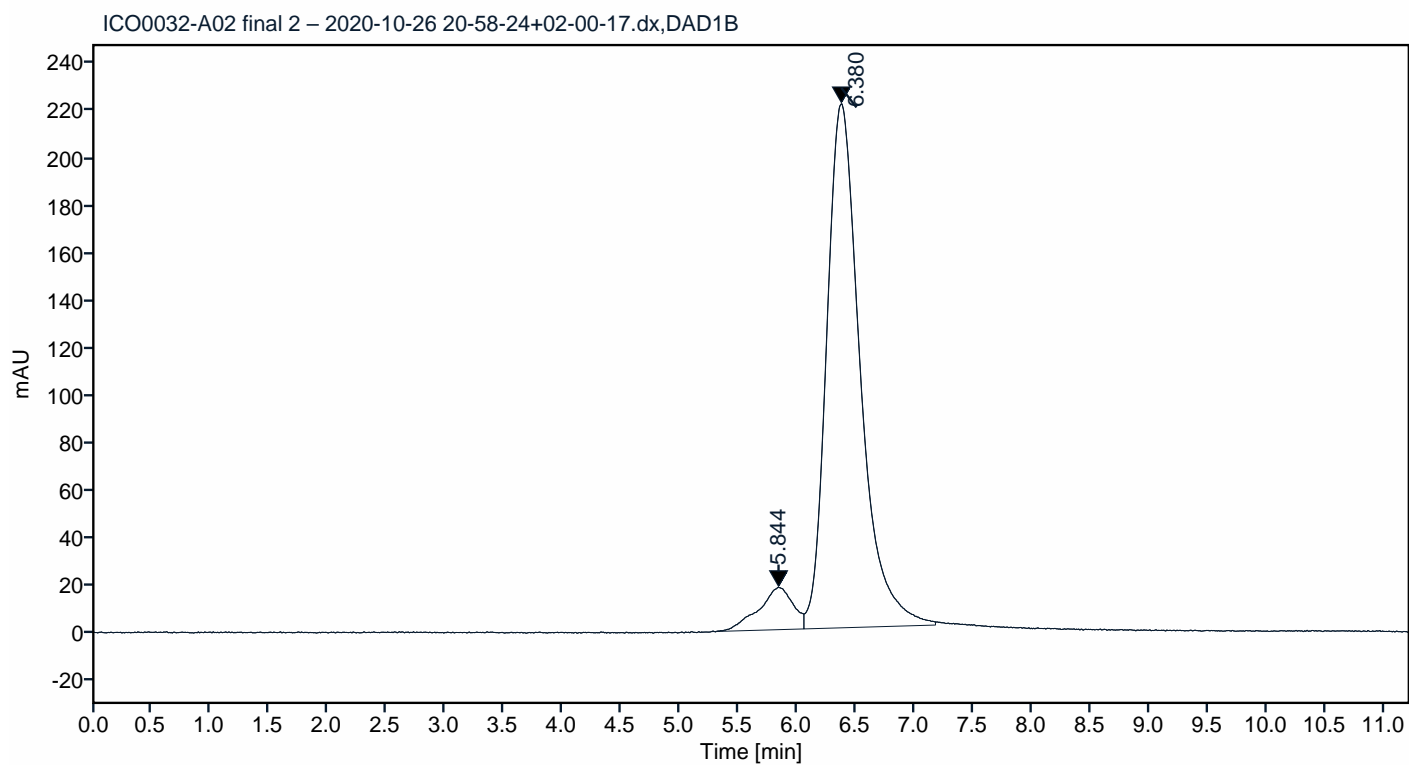


Figure 2. HPLC analytical SEC for final product.

Peak Table

Peak #	RT (min)	Area	Area %
1	5.846	531.22	11.83
2	6.377	3957.65	88.17

Chromatogram

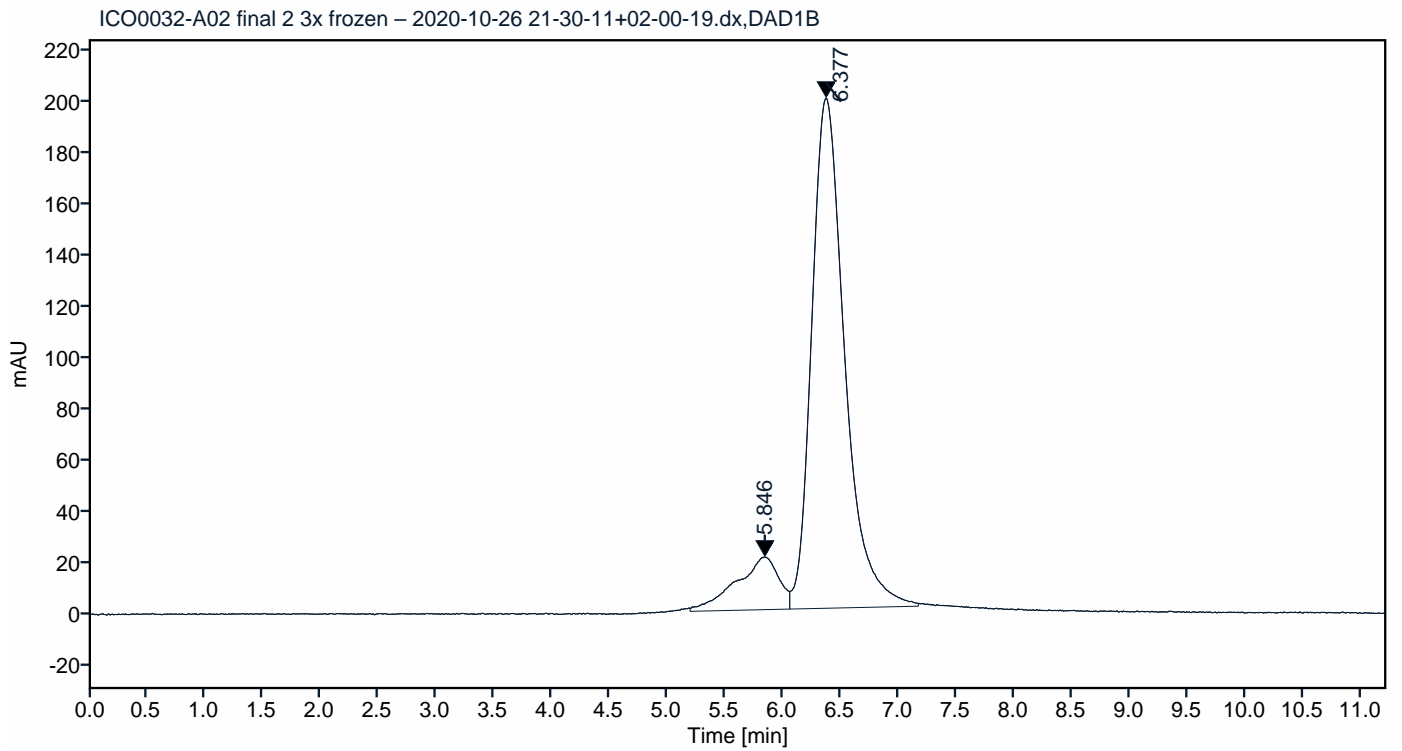


Figure 3. HPLC analytical SEC after 3 freeze-thaw cycles.