

CATALOGUE #: 8AE5

PRODUCT NAME: Recombinant human ACE2-Fc

Source: Expressed in a mammalian cell line

Description: The extracellular domain of human angiotensin-converting enzyme 2, containing at the C-terminus the Fc fragment of human immunoglobulin G (IgG1); Synthetic DNA fragment encoding amino acids 1-740 of human angiotensin-converting enzyme 2 (Accession number UniProtKB Q9BYF1; ACE2_HUMAN) was used for recombinant protein expression.

Theoretical MW: 108045.42 Da

Theoretical pI: 5.53

Applications: SARS-CoV-2 Spike RBD (receptor-binding domain) binding assays

Analysis: Purity >95%

Concentration is determined by absorbance at 280 nm. Abs 1 mg/ml = 1.85

Purification: Protein A chromatography

Presentation: Lyophilized from 50 mM Tris-HCl, 150 mM NaCl, 1 % trehalose, pH 7.5

Storage: Lyophilized at -20 °C (-15 ... -30 °C allowed)

Reconstituted at -70 °C (-65 ... -80 °C allowed)

Other information: Avoid repeated freezing and thawing. It is recommended to aliquot the product.

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.