



# DataSheet

**CATALOGUE #:** 8AE5

**PRODUCT NAME:** ACE2-Fc, human, recombinant – TEST SAMPLE

---

**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:** Immunoassays

**Analysis:** Purity > 95%

Concentration is determined spectrophotometrically at A280 using extinction coefficient 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.

**HyTest Ltd.**

Intelligate 1, 6th floor, Joukahaisenkatu 6

FI-20520 Turku FINLAND

[www.hytest.fi](http://www.hytest.fi) | [hytest@hytest.fi](mailto:hytest@hytest.fi)