

Product Datasheet

SARS-CoV-2 3CLpro/3C-like protease Protein (His) (orb1954151)

Description	3C-like protease (3CLpro) is the main protease of Humann Coronavirus. 3C-like protease (3CLpro) is a key enzyme, as it cleaves several sites to produce non-structural proteins that are essential for genome replication and Coronavirus virion production, such as an RNA-dependent RNA polymerase, a helicase, ribonucleases and 3CLpro itself, from two types of polyproteins (pp1a and pp1ab). SARS-CoV 3CLpro exists as a homodimer and each protomer has an active site. SARS-CoV-2 3CLpro/3C-like protease Protein (His) is expressed in Baculovirus insect cells. The predicted molecular weight is 35.31 kDa and the accession number is YP_009725295.1.
Storage	-20°C
Tag	N-His
Note	For research use only
Application notes	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
Purity	98.00%
MW	35.31 kDa (predicted)
Uniprot ID	YP_009725295.1
Expiration Date	6 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)