Recombinant Severe acute respiratory syndrome coronavirus 2 ORF8 Protein (F16-I121), His/Flag-tagged

Cat. No. ORF8-1394S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Severe acute respiratory syndrome coronavirus 2 6His-ORF8(F16-I121)-Flag protein with a His/Flag tag was expressed in E. coli
Species	Severe acute respiratory syndrome coronavirus 2
Source	E.coli
ProteinLength	F16-I121
Description	Plays a role in modulating host immune response. May act by down-regulating major histocompability complex class I (MHC-I). May inhibit expression of some members of the IFN-stimulated gene (ISG) family including hosts IGF2BP1/ZBP1, MX1 and MX2, and DHX58. Binds to IL17RA receptor, leading to IL17 pathway activation and an increased secretion of pro-inflammatory factors. Contributes to cytokine storm during COVID-19 infection.
Form	Liquid
Endotoxin	< 0.01 EU/μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	ORF8 ORF8 protein [Severe acute respiratory syndrome coronavirus 2]
Official Symbol	ORF8
Synonyms	ORF8; ORF8 protein
Gene ID	43740577
Protein Refseq	YP_009724396
UniProt ID	P0DTC8

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA