

Recombinant SARS-CoV-2 ORF8 Protein, His-SUMO-tagged(N-ter)

Cat. No. ORF8-263S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant SARS-CoV-2 ORF8 Protein with His-SUMO tag (N-ter) was expressed in HEK293.
Species	SARS-CoV-2
Source	HEK293
Description	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is an enveloped, positive-sense, single-stranded RNA virus that causes coronavirus disease 2019 (COVID-19). Virus particles include the RNA genetic material and structural proteins needed for invasion of host cells. Once inside the cell the infecting RNA is used to encode structural proteins that make up virus particles, nonstructural proteins that direct virus assembly, transcription, replication and host control and accessory proteins whose function has not been determined.~ ORF8 encodes a viral accessory protein.
Form	Powder
AA Sequence	FHQECSLQSQCTQHQPYYVDDPCPIHFYSKWYIRVGARKSAPLIELCVDEAGSKSPIQ YIDIGNYTVSCLPFTINCQEPKLGSLVVRCSFYEDFLEYHDVRVVLDFI
Endotoxin	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
Purity	> 95% (by SDS-PAGE)

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Applications	SDS-PAGE
Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	Lyophilized protein should be stored at -20°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Storage Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.

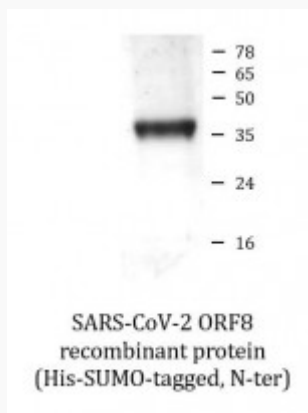
GENE INFORMATION

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

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