Recombinant SARS-CoV-2 M Protein, C-GFP/His-Tagged

Cat. No. M-33S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant SARS-CoV-2 (Wuhan seafood market pneumonia virus) M Protein with C-GFP/His tag was expressed in HEK293-F.
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.~ The structural proteins of SARS-CoV-2 include the envelope protein (E), spike or surface glycoprotein (S), membrane protein (M) and the nucleocapsid protein (N). The membrane protein is a transmembrane glycoprotein, is the most abundant structural protein in the virus particle and has been suggested as an antiviral drug target.
Form	Liquid
AA Sequence	MADSNGTITVEELKKLLEQWNLVIGFLFLTWICLLQFAYANRNRFLYIIKLIFLWLLWPV TLACFVLAAVYRINWITGGIAIAMACLVGLMWLSYFIASFRLFARTRSMWSFNPETNIL LNVPLHGTILTRPLLESELVIGAVILRGHLRIAGHHLGRCDIKDLPKEITVATSRTLSYY

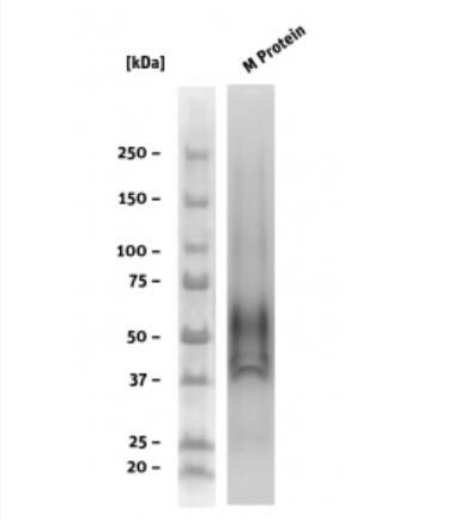
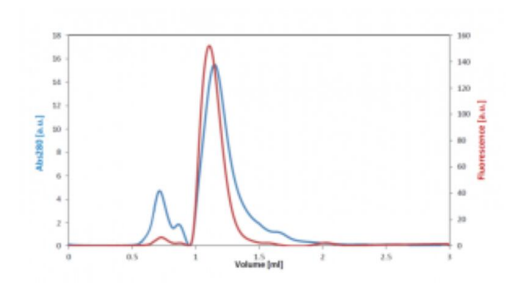
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	KLGASQRVAGDSGFAAYSRYRIGNYKLNTDHSSSSDNIALLVQ
Purity	> 85% as determined by SDS-PAGE
Storage	Stored and shipped at -80 centigrade
Storage Buffer	20mM Tris, pH 7.5, 300mM NaCl, 0.05% DDM, 0.5% CHS

GENE INFORMATION

Gene Name	M membrane glycoprotein [Severe acute respiratory syndrome coronavirus 2]
Official Symbol	M
Synonyms	M; membrane glycoprotein; membrane glycoprotein; ORF5; structural protein
Gene ID	43740571
Protein Refseq	YP_009724393
UniProt ID	P0DTC5

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SDS-PAGE	
Size exclusion chromotography chromatogram	

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