

Recombinant MERS-CoV Orf1ab protein

Cat. No. Orf1ab-200M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant MERS-CoV Orf1ab protein(4378-5310aa) was expressed in E. coli.
Species	MERS-CoV
Source	E.coli
ProteinLength	Partial
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	106.9 kDa
AA Sequence	SKDSNFLNRVRGSIVNARIEPCSSGLSTDVVFRAFDICNYKAKVAGIGKYYKTNTCRF VELDDQGHHLDSYFVVKRHTMENYELEKHICYDLLRDCDAVAPHDFFIFDVKVKTP HIVRQRLTEYTMMDLVYALRHFDQNSEVLKAILVKYGCCDVITYFENKLWFDVENPS VIGVYHKLGERVRQAILNTVKFCDHMKAGLVGVLTLDNQDLNGKWYDFGDFVITQP GSGVAIVDSYYSYLMPLVLSMTDCLAAETHRDCDFNKPLIEWPLTEYDFTDYKVQLFE KYFKYWDQTYHANCVNCTDDRCVLHCANFNVLFAMTMPKTCFGPIVRKIFVDGVVPF VVSCGYHYKELGLVMNMDVSLHRHRLSLKELMMYAADPAMHIASSNAFLDLRTSCF SVAALTTGLTFQTVRPGNFNQDFYDFVVSKEGFFKEGSSVTLKHFFFAQDGNAAITDY NYYSYNLPTMCDIKQMLFCMEVVNKYFEIYDGGCLNASEVVVNNLDKSAGHPFNKF GKARVYYESMSYQEQLFAMTKRNVIPMTQMNLKYAISAKNRARTVAGVSILSTM TNRQYHQKMLKSMAATRGCATVIGTTKFYGGWDFMLKTLTKVDNPHLMGWDYPK

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CDRAMPNMCRIFASLILARKHGTCTTRDRFYRLANECAQVLSEYVLCGGGGYYVKP
GGTSSGDATTAYANSVFNILQATTANVSALMGANGNKIVDKEVKDMQFDLYNVVYR
STSPDPKFVDKYYAFLNKHFSMMILSDDGVVCYNSDYAAKGYIAGIQNFKETLYYQN
NVFMSEAKCWVETDLKKGPHEFCSQHTLYIKDGGDGYFLPYDPSPRILSAGCFVDDI
VKTDGTLMVERFVSLAIDAYPLTKHEDIEYQNVFWVYLQYIEKLYKDLTGHMLDSYSV
MLCGDNSAKFWEEAFYRDLYSSPTTLQ

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

UniProt ID [A0A0G3U5R1](#)

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