

Product Information

MemDX™ Membrane Protein MERS-CoV S Protein (Surface glycoprotein) Reporter Virus

Particles

Cat. No.: **MPX2024K**

This product is for research use only and is not intended for diagnostic use.

This product is a MERS-CoV S protein Reporter Virus Particles. Reporter Virus Particles (RVPs) are replication-incompetent pseudotyped virus particles. RVPs display antigenically correct virus protein on a heterologous virus core and carry a modified genome that expresses a convenient optical reporter gene (GFP or luciferase). The product is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

MERS-CoV

Target Protein

S

Protein Class

Host-virus interaction

TMD

1

Sequence

MIHSVFLLMFLLTPTESYVDVGPDSVKSACIEVDIQQTFFDKTWPRPIDV
SKADGIIYPQGRITYSNITITYQGLFPYQGDHGDYVYSAGHATGTTTPQKL
FVANYSQDVKQFANGFVVRIGAAANSTGTVIISPSTSATIRKIYPAFMLG
SSVGNFSDGKMGRRFFNHTLVLLPDGCGTLLRAFYCILEPRSGNHCPAGNS
YTSFATYHTPATDCSDGNYNRNASLNSFKEYFNLRNCTFMYTYNITEDEI
LEWFGITQTAQGVHLFSSRYVDLYGGNMFQFATLPVYDTIKYYSIIPHSI
RSIQSDRKAWAAFYVYKLQPLTFLDFSVDGYIRRAIDCGFNDLSQLHCS
YESFDVESGVYSVSSFEAKPSGVSVEQAEGVECDFSPLLSGTPPQVYNFK
RLVFTNCNYNLTKLLSLFSVNDFTCSQISPAAIASNCYSSLILDYFSYPL
SMKSDLSVSSAGPISQFNYKQSFNSPTCLILATVPHNLTTITKPLKYSYI
NKCSRFLSDDRTEVPQLVNANQYSPCVSIVPSTVWEDGDYRQKLSPLEG
GGWLVASGSTVAMTEQLQMGGFQITVQYGTDTNSVCPKLEFANDTKIASQL
GNCVEYSYLVGSGRGVFNCTAVGVRQQRFFVYDAYQNLVGYYSDDGNYYC
LRACVSPVSVIYDKETKTATLFGSVACEHISSTMSQYSRSTRSMKRR
DSTYGPLQTPVGCVLGLVNSSLFVEDCKLPLGQSLCALPDTPSTLTPRSV
RSVPGEMRLASIAFNHIQVDQLNSSFYKLSIPTNFSFGVTQEYIQTITQ
KVTVDCKQYVCNGFQKCEQLLREYGGFCQSKINQALHGANLRQDDSVRNLF
ASVKSSQSSPIIPGFGDFNLTLLEPVSISTGSRARSASIEDLLFDKVTI
ADPGYMQGYDDCMQQGPASARDLICAQYVAGYKVLPLMDVNMEAAYTSS
LLGSIAGVGWTAGLSSFAAIPFAQSIFYRLNGVGITQQVLSENQKLIANK
FNQALGAMQTGFTTTNEAFHKVQDAVNNAQALSKLASELSNTFGAISAS
IGDIIQRLDVLEQDAQIDRLINGRLTTLNAFVAQQLVRSESAALSAQLAK
DKVNECVKAQSKRSGFCGQGTTHIVSFVVNAPNGLYFMHVGYYPSNHIEVV
SAYGLCDAANPTNCIAPVNGYFIKTNNTRIVDEWSYTGSSFYAPEPITSL

NTKYVAPQVTYQNISTNLPPPLLGNSTGIDFQDELDEFFKNVSTSIPNFG
SLTQINTTLLDLTYEMLSLQQVVKALNESYIDLKELGNYTYYNKWPWYIW
LGFIAGLVALALCVFFILCCTGCGTNCMGKLKCNRCDDRYEEYDLEPHKV
HVH

Product Description

Protein Format

Reporter Virus Particles

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

S

Full Name

Surface glycoprotein

Alternative Names

S; structural protein; spike protein; Surface glycoprotein; MERS-CoV; Reporter Virus Particles; RVPs

Gene ID

[14254594](#)

UniProt ID

[K9N5Q8](#)