

Product Information

MemDX™ Membrane Protein SARS-CoV-1 S Protein (Surface glycoprotein) Reporter Virus

Particles

Cat. No.: **MPX2023K**

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

This product is a SARS-CoV-1 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

SARS-CoV-1

Target Protein

S

Protein Class

Host-virus interaction

TMD

1

Sequence

MFIFLLFLTLTSGSDLDRCTTFDDVQAPNYTQHTSSMRGVVYYPDEIFRSD
TLYLTDQLFLPFYSNVTGFHTINHTFGNPVIPFKDGIYFAATEKSNVVRG
WVFGSTMNNKSQSVIIINNSTNVIRACNFELCDNPFFAVSKPMGTQHT
MIFDNAFNCTFEYISDAFSLDVSEKSGNFKHLREFVFNKDGFLYVYKGY
QPIDVVRDLPSGFNTLKPIFKLPLGINITNFRAILAFSPAQDIWGTSA
AYFVGYLKPTTFMLKYDENGITITDAVDCSQNPLAELKCSVKSFEIDKGIY
QTSNFRVVPSPGDVVRFPNITNLCPFGEVFNATKFPSVYAWERKKISNCVA
DYSVLYNSTFFSTFKCYGVSATKLNDLCFSNVYADSFVVKGDDVRQIAPG
QTGVIADYNYKLPPDFMGCVLAWNTRNIDATSTGNNYKYRYLRHGKLRP
FERDISNVPFSPDGKPCPPALNCYWPLNDYGFYTTTGIGYQPYRVVLS
FELLNAPATVCGPKLSTDLIKNQCVNFNFNGLTGTGVLTPSSKRFQPFQ
FGRDVSDFDTSVRDPKTSEILDISPSCSFGGVSVITPGTNASSEVAVLYQD
VNCTDVSTAIHADQLTPAWRIYSTGNNVFQTAQCLIGAEHVDTSYECDI
PIGAGICASYHTVSLLRSTSQKSIVAYTMSLGADSSIAYSNNTIAIPTNF
SISITTEVMPVSMAKTSVDCNMYICGDSTECANLLLQYGSFCTQLNRALS
GIAAEQDRNTREVFAQVKQMYKTPTLKYFGGFNFSQILPDLKPTKRSFI
EDLLFNKVTLADAGFMKQYGECLGDINARDLCAQKFNGLTVLPPLLTDD
MIAAYTAALVSGTATAGWTFGAGAALQIPFAMQMAYRFNGIGVTQNVLYE
NQKQIANQFNKAISQIQESLTTTSTALGKLQDVVNQNAQALNTLVKQLSS
NFGAISSVLNDILSRDLKVEAEVQIDRLITGRLQSLQTYVTQQLIRAAEI
RASANLAATKMSECVLGQSKRVDFCGKGYHLMSFPQAAPHGVVFLHVTYV
PSQERNFTTAPAICHEGKAYFPREGVFVFNGTSWFITQRNFFSPQIITD
NTFVSGNCDVVIGIINNTVYDPLQPELDSFKEELDKYFKNHTSPDVLGD
ISGINASVVNIQKEIDRLNEVAKNLNESLIDLQELGKYEQYIKWPWYVWL

GFIAGLIAIVMTILLCCMTSCCCLKGACSCGSCCKFDEDDSEPVKGV
KLHYT

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; E2; structural protein; spike protein; Surface glycoprotein; SARS-CoV; Reporter Virus Particles; RVPs

Gene ID

[1489668](#)

UniProt ID

[P59594](#)