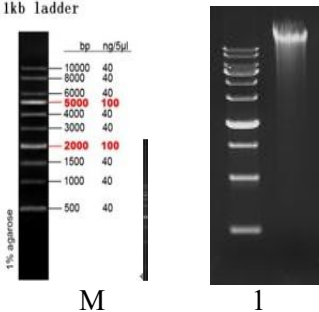
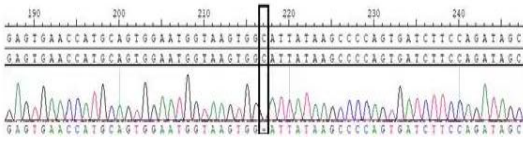


CERTIFICATE OF ANALYSIS

Product information

Name	APC p.G1416fs Reference Standard
Catalog No.	CBP10443
Lot No.	GBD20557104
Format	Genomic DNA
DNA Change	c.4248delC
AA Change	p.G1416fs
Mutation Type	Frame Shift Del
Zygosity	Homozygous
%AF	100.00%
Transcript	ENST00000457016.1
Chr position(GRCh37)	chr5:112175539
Copy Number	2
Ploidy	1.96
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Dec.-17-2020
Expiry	36 months from the date of manufacture


Quality Control

Test Items	Standard	Results	Passed
Quantity	5.00 µg/vial*1 vial	5.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	41.80 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	2.07 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: APC p.G1416fs Reference Standard</p>	√
Genotype	Positive	 <p>By sanger sequencing</p>	√

Caution:

For research use only.

If you have any questions about the Certificate of Analysis, please contact us.

Certified by:  Date:****

 Date:****