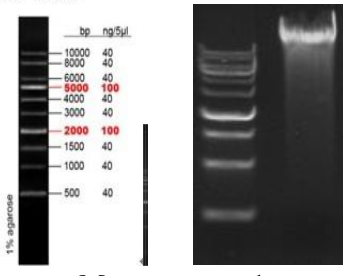
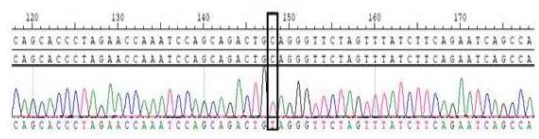


CERTIFICATE OF ANALYSIS

Product information

Name	APC p.Q1338* Reference Standard
Catalog No.	CBP10232
Lot No.	GBD34884824
Format	Genomic DNA
DNA Change	c.4012C>T
AA Change	p.Q1338*
Mutation Type	Substitution - Missense
Zygosity	Homozygous
%AF	100.00%
Transcript	ENST00000457016
Chr position(GRCh37)	chr5:112175303
Copy Number	2
Ploidy	2.18
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Jun.-09-2022
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%	40.00 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.73 by Nanodrop detection	√
DNA electrophoresis	No Degradation	<p>1kb ladder</p>  <p>M: Marker 1: APC p.Q1338* 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:****