

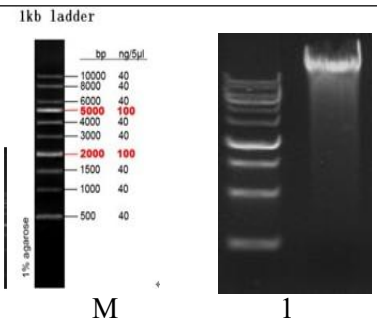
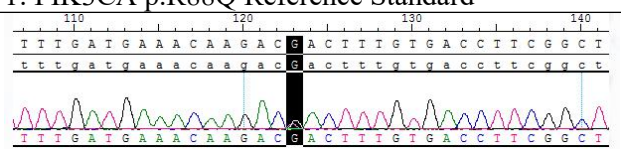
CERTIFICATE OF ANALYSIS

PIK3CA p.R88Q Reference Standard

Product information

Name	PIK3CA p.R88Q Reference Standard
Catalog No.	CBP10331
Lot No.	CGD48556687
Format	Genomic DNA
DNA Change	c.263G>A
AA Change	p.R88Q
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
Allelic Frequency	50%
Transcript	NM_006218.1
Copy Number	2
Ploidy	1.97
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Aug.-20-2019
Expiry	36 months from the date of manufacture

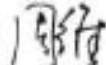
Quality Control

Test Items	Standard	Results	Passed
Quantity	1ug/vial*1vial	1ug/vial*1vial	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.0	1.74	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker I: PIK3CA p.R88Q Reference Standard</p>	√
Genotype	Sanger Sequencing	 <p>110 120 130 140</p> <p>TTTGA TGA AACAAGAC GACTTTTGTGACCTTCGGCT</p> <p>tttgatgaaacaagac Gacttttgtgaccttcggct</p> <p>TTTGA TGA AACAAGAC GACTTTTGTGACCTTCGGCT</p>	√

Caution:

For research use only.

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

Certified by:  Date:****

 Date:****