

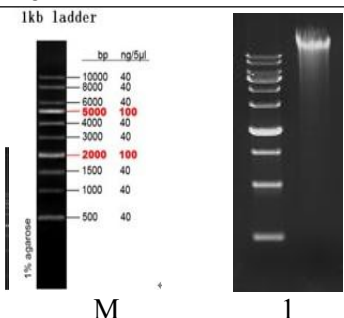
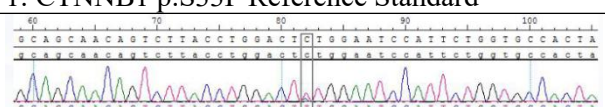
# CERTIFICATE OF ANALYSIS

## CTNNB1 p.S33F Reference Standard

### Product information

Name	CTNNB1 p.S33F Reference Standard
Catalog No.	CBP10251
Lot No.	CGD45713131
Format	Genomic DNA
DNA Change	c.98C>T
AA Change	p.S33F
Mutation Type	Missense_Mutation
Zygoty	Heterozygous
Allelic Frequency	66.67%
Transcript	ENST00000349496
Copy Number	3
Ploidy	3.32
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Mar.-27-2019
Expiry	36 months from the date of manufacture


### Quality Control

Test Items	Standard	Results	Passed
Quantity	5ug/vial*3vials	5ug/vial*3vials	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.81	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5µL</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>4000 40</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>1% agarose</p> <p>M</p> <p>1</p> <p>M: Marker</p> <p>1: CTNNB1 p.S33F Reference Standard</p>	√
Genotype	Sanger Sequencing		√

### Caution:

For research use only.

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

Certified by:  Date:\*\*\*\*

 Date:\*\*\*\*