

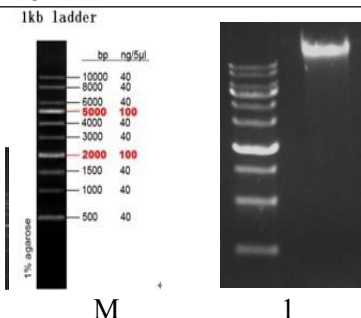
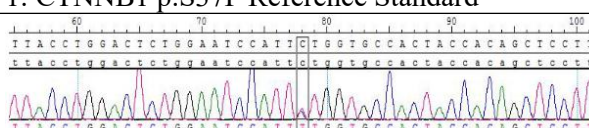
# CERTIFICATE OF ANALYSIS

## CTNNB1 p.S37F Reference Standard

### Product information

Name	CTNNB1 p.S37F Reference Standard
Catalog No.	CBP10253
Lot No.	GBD94841502
Format	Genomic DNA
DNA Change	c.110C>T
AA Change	p.S37F
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
Allelic Frequency	50%
Transcript	ENST00000349496
Copy Number	2
Ploidy	1.96
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Jul.-20-2021
Expiry	36 months from the date of manufacture


### Quality Control

Test Items	Standard	Results	Passed
Quantity	5µg/vial*1vial	5µg/vial*1vial	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.84	√
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>M</p> <p>1</p> <p>M: Marker</p> <p>1: CTNNB1 p.S37F Reference Standard</p>	√
Genotype	Sanger Sequencing	 <p>60 70 80 90 100</p> <p>TTACCTGGACTCTGGAAATCCATCTTGGTGCCACTACCACAGCTCCTT</p> <p>TTaccttggactctctggaaatccatcttgggtgccaactaccacagctcctt</p> <p>TTACCTGGACTCTGGAAATCCATCTTGGTGCCACTACCACAGCTCCTT</p>	√

**Caution:**

For research use only.

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

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

 Date:\*\*\*\*