

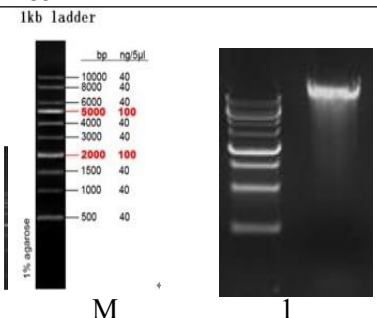

## CERTIFICATE OF ANALYSIS

### CDKN2A p.H83Y Reference Standard

#### Product information

Name	CDKN2A p.H83Y Reference Standard
Catalog No.	CBP10246
Lot No.	CGD50263027
Format	Genomic DNA
DNA Change	c.247C>T
AA Change	p.H83Y
Mutation Type	Substitution - Missense
Zygosity	Homozygous
Allelic Frequency	100%
Transcript	ENST00000304494
Copy Number	3
Ploidy	2.86
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	May-31-2021
Expiry	36 months from the date of manufacture

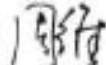
#### Quality Control

Test Items	Standard	Results	Passed
Quantity	1ug/vial*2vials	1ug/vial*2vials	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.85	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5ul</p> <p>10000 40 8000 40 6000 40 4000 100 3000 40 2000 100 1500 40 1000 40 500 40</p> <p>M 1</p> <p>M: Marker 1: CDKN2A p.H83Y Reference Standard</p>	√
Genotype	Sanger Sequencing	 <p>270 280 290 300 310 320</p> <p>CGACCCCGCCACTCTCACCCGACCCGTCACGACGCTGCCCGGAGGGCTTCCTTGA</p> <p>CGACCCCGCCACTCTCACCCGACCCGTCACGACGCTGCCCGGAGGGCTTCCTTGA</p>	√

**Caution:**

For research use only.

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

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

 Date:\*\*\*\*