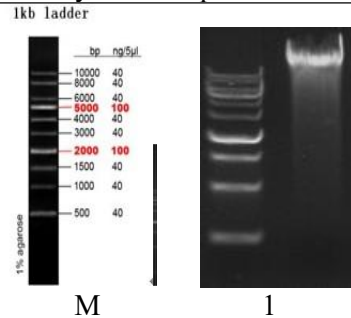
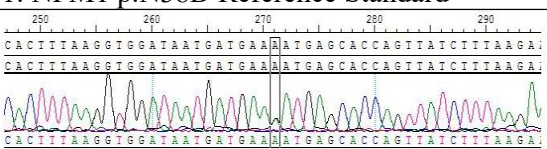


CERTIFICATE OF ANALYSIS

Product information

Name	NPM1 p.N38D Reference Standard
Catalog No.	CBP10545
Lot No.	CGD22098976
Format	Genomic DNA
DNA Change	c.112A>G
AA Change	p.N38D
Mutation Type	Missense Mutation
Zygoty	Heterozygous
%AF	50.00%
Transcript	NM_002520.7
Copy Number	2
Ploidy	1.88
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2022/09/07
Expiry	36 months from the date of manufacture


Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	40.70 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.79 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: NPM1 p.N38D 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:****