

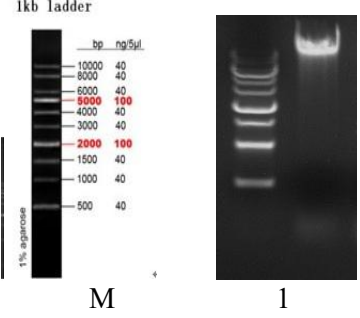
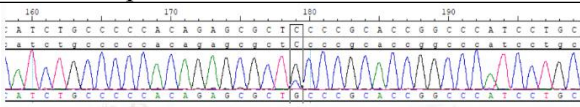
# CERTIFICATE OF ANALYSIS

## FGFR3 p.S249C Reference Standard

### Product information

Name	FGFR3 p.S249C Reference Standard
Catalog No.	CBP10422
Lot No.	GBD47366370
Format	Genomic DNA
DNA Change	c.746C>G
AA Change	p.S249C
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
Allelic Frequency	85%
Transcript	NM_000142.5
Copy Number	N/A
Ploidy	N/A
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Mar.-10-2022
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 <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.85	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: FGFR3 p.S249C Reference Standard</p>	√
Genotype	Sanger Sequencing		√
%AF	85%	84.7% by DdPCR detection	√

**Caution:**

For research use only.

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

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

 Date:\*\*\*\*