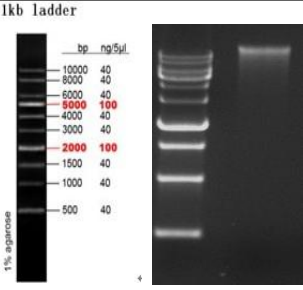
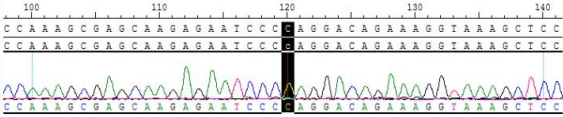


## CERTIFICATE OF ANALYSIS

### Product information

Name	BRCA1 p.Q1756fs Reference Standard
Catalog No.	CBP10360
Lot No.	CBFA23011307
Format	Genomic DNA
DNA Change	c.5266dup C
AA Change	p.Q1756fs
Mutation Type	Frame_Shift_Ins
Zygoty	Homozygous
%AF	100.00%
Transcript	ENST00000357654
Chr position(GRCh37)	chr17:41209080
Copy Number	4
Ploidy	4.24
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2023/01/13
Expiry	36 months from the date of manufacture


### Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*4 vials	1.00 µg/vial*4 vials	√
Concentration	40.00 ng/uL±10%	42.00 ng/uL by Qubit 3.0 detection	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.1	1.82 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5µl</p> <p>10000 40 8000 40 6000 40 4000 40 3000 40 2000 100 1500 40 1000 40 500 40</p> <p>M 1</p> <p>M: Marker 1: BRCA1 p.Q1756fs 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:\*\*\*\*