

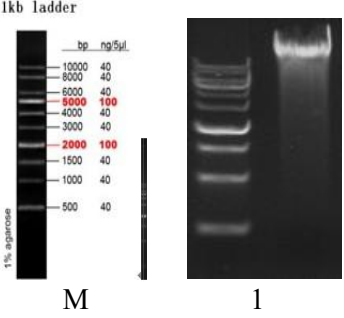
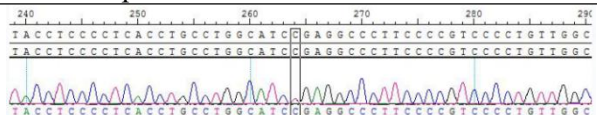
# CERTIFICATE OF ANALYSIS

## MSH6 p.G289fs Reference Standard

### Product information

Name	MSH6 p.G289fs Reference Standard
Catalog No.	CBP10444
Lot No.	GBD20557104
Format	Genomic DNA
DNA Change	c.868delC
AA Change	p.G289fs
Mutation Type	Frame_Shift_Del
Zygosity	Heterozygous
Allelic Frequency	50%
Transcript	ENST00000234420.5
Copy Number	2
Ploidy	1.96
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Dec.-17-2020
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	1.83	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5ul</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: MSH6 p.G289fs Reference Standard</p>	√
Genotype	Sanger Sequencing	 <p>240 250 260 270 280 290</p> <p>TACCTCCCTCACCTGCGCTGGCATCGAGGCCCTTCCCGTCCCTGTTGGCTACCTCCCTCACCTGCGCTGGCATCGAGGCCCTTCCCGTCCCTGTTGGCTACCTCCCTCACCTGCGCTGGCATCGAGGCCCTTCCCGTCCCTGTTGGCTACCTCCCTCACCTGCGCTGGCATCGAGGCCCTTCCCGTCCCTGTTGGCT</p>	√

**Caution:**

For research use only.

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

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

 Date:\*\*\*\*