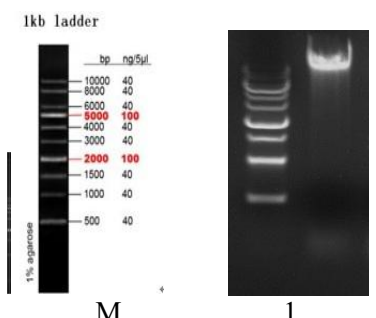
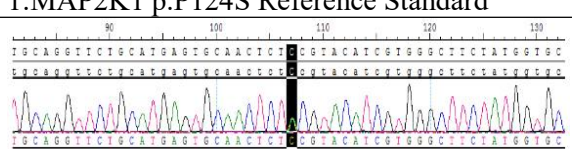


CERTIFICATE OF ANALYSIS

Product information

Name	MAP2K1 p.P124S Reference Standard
Catalog No.	CBP10305
Lot No.	CGD59537401
Format	Genomic DNA
DNA Change	c.370C>T
AA Change	p.P124S
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
%AF	50.00%
Transcript	ENST00000307102
Chr position(GRCh37)	chr15:66729162
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Dec.-29-2020
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%	41.40 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.90 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1:MAP2K1 p.P124S 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:****