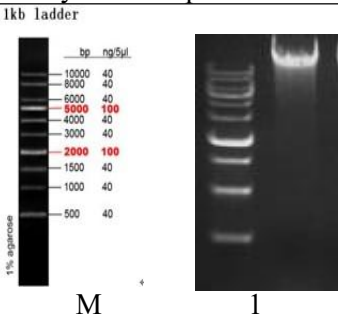
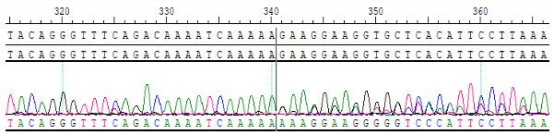


CERTIFICATE OF ANALYSIS

Product information

Name	SMN1 p.Q284Tfs*22 Reference Standard
Catalog No.	CBP10561
Lot No.	CBFA23011805
Format	Genomic DNA
DNA Change	c.849 850insA
AA Change	p.Q284Tfs*22
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
%AF	50.00%
Transcript	ENST00000380707.4
Chr position (GRCh37)	chr5:70247783--A
Copy Number	N/A
Ploidy	N/A
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2023/01/18
Expiry	36 months from the date of manufacture

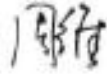
Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	41.60 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.82 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: SMN1 p.Q284Tfs*22 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:****