

Certificate of Blockchain Timestamp Verification

Strain Name: PK-St-M

Sample Name: PK-St-M-20240730

Registrant: Zamir Punja

Stamped FileName: [RSP13205_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: [b44695d0e19e8e2fb20dcb0323efe2886cda6b85d6facb73388e2efdf034c7bd](#)

OTS File: [RSP13205_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: [0761d3933b9e9adaa43e569527e635711333ee9c56fc53bcea2a86e4df533d02](#)

Block	Date	Transaction ID	Merkle Root	Verified	QR
869311	2024-11-07	00000000...1620490a	153db96f...6e47abc9	✓	
869320	2024-11-07	00000000...11126a1e	5bd48191...b0b5e116	✓	
869324	2024-11-07	00000000...a449d931	98a0ccb7...12d37df4	✓	
869333	2024-11-07	00000000...07c7ae23	700f6221...6c8ad13c	✓	

Success! Your file is blockchain-stamped

2024-11-07 21:28:39 UTC



OTS File Hex Contents (copy/paste friendly)

```
004f78656e54696d657374616d7073000050726f66690bf99e2e884e892948188b44695d9e19e0e2fb20dcb0323efe2886cda6b85d6facb73388e2efdf834c7bdf019ef372d378712e989f47d07a45a36433c08fffe1011745b572462898d9f10d53d0bfc65eb08f1
20bf10e467648a2bf4eeaa960f59fa841d5d78c02e101ed3573d49dc11856877308f104672cd82bf006d1776f6a342714540083dfe30d2ef90c8e2e2d68747470733a2f2f616c8963652e6274632e63616c656e6461722e6f70656e74696d657374616d70732e6f72
67ff6101b06e663b5e97b016fec2da09348b12a08f120604d8e8c1c5fe1718d388f907280db64f40dec46b5e9601817b262ba620a3ff108f0204dcb2eae6cab841cc603f7683ea9a9cbee5dbdc0bf14bf58aae7c29fa4c972df08f104672cd82bf0080e620564e073
57b69083dfe39d2ef90c8e292868747470733a2f2f66696e6e65792e63616c656e6461722e657465726e69747977616c6c2e636f6dfff0183f17c82e517276ee4755a66a4813f33d08f104672cd82bf008dcec6dda21582b480803dfe39d2ef90c8e23226874747073
3a2f2f6274632e63616c656e6461722e636174616c6c6178792e636f6dfe10877dbd9eeb6cca3dd5519d0f02a00a4408f104672cd82bf008df5773a604b653ec0083dfe39d2ef90c8e2c2b68747470733a2f2f626f622e6274632e63616c656e6461722e6f70656e74
696d657374616d70732e6f7267
```

What is this?

The OTS file detailed above can be downloaded with the provided link, but in the event that the OTS file is no longer available for download, it can be recreated using the above HEX textblock.

1. Copy/paste this into a text file, e.g., RSP13205_ots.hex
2. Convert this to an .ots file using a webserver:

https://tomeko.net/online_tools/hex_to_file.php

Alternatively, use the command line:

```
xxd -r -p RSP13205_ots.hex > RSP13205_blockchain.vcf.gz.ots
```

Example: Successfully Validated OpenTimestamps file

Using your stamped file and corresponding OTS file, validate at:

<https://opentimestamps.org/#stamp-and-verify>

This stamp verifies the file's existence at a specific point in time. Validation can be done independently of Medicinal Genomics® using open-source tools. The necessary OTS file to perform this validation can be recreated from this PDF. Medicinal Genomics® does not guarantee that the stamped file will be hosted on their servers indefinitely. Therefore, it is strongly recommended that owners download and securely retain their stamped files.

STAMP & VERIFY

↓

RSP13374_blockchain.vcf.gz.upgraded.ots 3.8 kB
Stamped SHA256 hash: cd0b4063920ace783fe9c86fe1a6afab3c75891a55bb3b4601b14d1cc246f272

↓

RSP13374_blockchain.vcf.gz 2.2 GB
SHA256: cd0b4063920ace783fe9c86fe1a6afab3c75891a55bb3b4601b14d1cc246f272

✓ SUCCESS!

Bitcoin block 894096 attests existence as of 2025-04-26 EST

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