



# Certificate of Analysis

## S100A8 Protein, Human (N-His)

|                   |                      |
|-------------------|----------------------|
| Cat. No.:         | HY-P70531A           |
| Batch No.:        | 158280               |
| Species:          | Human                |
| Source:           | <i>E. coli</i>       |
| Tag:              | N-6*His              |
| Accession:        | P05109(M1-E93)       |
| Gene ID:          | 6279                 |
| Molecular Weight: | Approximately 12 kDa |

### ANALYTICAL DATA

| TEST                | Specifications  | Results |
|---------------------|---|---------|
| Purity              | Greater than 90% as determined by reducing SDS-PAGE.  | 95.50%  |
| Endotoxin Level     | <1 EU/μg, determined by LAL method.   | PASS    |
| Appearance          | Lyophilized powder.   |         |
| Reconstitution      | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For lower concentration, please reconstitute in 50 mM Tris-HCL, 300 mM NaCl, pH 7.4 buffer. |         |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.             |         |
| Shipping            | Room temperature in continental US; may vary elsewhere.   |         |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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