



# Certificate of Analysis

## SIRP alpha/CD172a Protein, Mouse (HEK293, Fc)

|                   |                           |
|-------------------|---------------------------|
| Cat. No.:         | HY-P76071                 |
| Batch No.:        | 272755                    |
| Species:          | Mouse                     |
| Source:           | HEK293                    |
| Tag:              | C-hFc                     |
| Accession:        | Q6P6I8 (M1-N373)          |
| Gene ID:          | 19261                     |
| Molecular Weight: | approximately 100-120 kDa |

### ANALYTICAL DATA

| TEST                | Specifications  | Results  |
|---------------------|---|----------|
| Purity              | Greater than 90% as determined by reducing SDS-PAGE   | 92.90%   |
| Endotoxin Level     | <1 EU/μg, determined by LAL method.   | <1 EU/μg |
| Biological Activity | Measured by its binding ability in a functional ELISA. Immobilized rat CD47-His at 10 μg/mL (100 μl/well) can bind mouse SIRPA-Fc, The EC <sub>50</sub> of mouse SIRPA-Fc is 0.6-1.4 μg/mL. | 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.   |          |
| Storage & Stability | Stored at -20°C. 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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