



# Certificate of Analysis

## AQP4 Protein, Mouse (Cell-Free)

|                   |  |
|-------------------|--|
| Cat. No.:         | HY-P702215   |
| Batch No.:        | 334431   |
| Species:          | Mouse  |
| Source:           | <i>E. coli</i> Cell-free   |
| Tag:              | Tag Free   |
| Accession:        | P55088 (M1-V323)   |
| Gene ID:          | 11829  |
| Molecular Weight: | Observed band size: Monomer: 34 kDa Dimer: 68 kDa It is speculated that the protein forms a dimeric structure. |

### ANALYTICAL DATA

| TEST                | Specifications   | Results |
|---------------------|--|---------|
| Purity              | Greater than 90% as determined by reducing SDS-PAGE.   | 90.00%  |
| 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 long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference. |         |
| 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 (with carrier protein). 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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