



# Certificate of Analysis

## BTNL8 Protein, Human (HEK293, hFc)

|                   |                      |
|-------------------|----------------------|
| Cat. No.:         | HY-P79382            |
| Batch No.:        | 263399               |
| Species:          | Human                |
| Source:           | HEK293               |
| Tag:              | C-hFc                |
| Accession:        | Q6UX41-1 (Q18-K238)  |
| Gene ID:          | 79908                |
| Molecular Weight: | approximately 65 kDa |

### ANALYTICAL DATA

| TEST                | Specifications   | Results |
|---------------------|--|---------|
| Purity              | Greater than 95% as determined by reducing SDS-PAGE  | ≥95.0%  |
| Endotoxin Level     | <1 EU/μg, determined by LAL method.  | PASS    |
| Biological Activity | Measured by its ability to enhance anti-CD3-induced IFN-gamma secretion of mouse CTLL-2 cells. The ED <sub>50</sub> for this effect is 2.028 μg/mL in the presence of 10 μg/mL anti-CD3, corresponding to a specific activity is 493.097 U/mg. | 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 a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).                              |         |
| 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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