



# Certificate of Analysis

## Wnt3a Surrogate Protein, Human (HEK293, C-hFc)

Cat. No.: HY-P70453C  
 Batch No.: 407465  
 Species: Human  
 Source: HEK293  
 Tag: C-hFc  
 Accession: /  
 Gene ID: /  
 Molecular Weight: 60-75 kDa

### ANALYTICAL DATA

| TEST                | Specifications  | Results   |
|---------------------|---|-----------|
| Purity              | Greater than 95% as determined by Tris-Bis PAGE.  | ≥95.0%    |
| Endotoxin Level     | <1 EU/μg, determined by LAL method.   | PASS      |
| Biological Activity | Measured by its ability to induce Topflash reporter activity in HEK293T human embryonic kidney cells. The ED <sub>50</sub> for this effect is 3.2-5.2 ng/mL.  | 4.3 ng/mL |
| 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 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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