



Certificate of Analysis

TROP-2 Protein, Human (Biotinylated, HEK293, His-Avi)

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|-------------------|-------------------|
| Cat. No.: | HY-P78223 |
| Batch No.: | 213589 |
| Species: | Human |
| Source: | HEK293 |
| Tag: | C-Avi;C-His |
| Accession: | P09758 (H27-T274) |
| Gene ID: | 4070 |
| Molecular Weight: | 46-55 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 binding ability in a functional ELISA. When immobilized Anti-TROP-2 Antibody hFc at 0.5 μg/m (100μl/Well), can bind Biotinylated Human TROP-2 His Tag and the EC ₅₀ is 20-50 ng/mL. | 48.4 ng/mL |
| Appearance | Lyophilized powder. | |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. | |
| 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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