



Certificate of Analysis

PSCA Protein, Human (HEK293, Fc)

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|-------------------|------------------|
| Cat. No.: | HY-P78013 |
| Batch No.: | 338943 |
| Species: | Human |
| Source: | HEK293 |
| Tag: | N-hFc |
| Accession: | O43653 (L12-S86) |
| Gene ID: | 8000 |
| Molecular Weight: | 40-50 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 | Immobilized Human PSCA, hFc Tag at 2 μg/mL (100 μl/Well) on the plate. Dose response curve for Biotinylated Anti-PSCA Ab., hFc Tag with the EC ₅₀ of ≤117.3 ng/mL determined by ELISA. | 35.5 ng/mL |
| Appearance | Lyophilized powder | |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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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