



Certificate of Analysis

CA125 Protein, Human (HEK293, His)

Cat. No.: HY-P7696
 Batch No.: 270465
 Species: Human
 Source: HEK293
 Tag: C-6*His
 Accession: Q8WXI7 (G12660-M12923)
 Gene ID: 94025
 Molecular Weight: 40-80 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.	<1 EU/μg
Biological Activity	Immobilized Recombinant Human MSLN/Mesothelin Protein at 2 μg/ml (100 μl/well) can bind Biotinylated Recombinant Human CA125 Protein. The ED ₅₀ for this effect is 5.731 ng/mL, corresponding to a specific activity is 1.74×10 ⁵ Unit/mg.	5.731 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA