

CA125/MUC16 Protein, Human, Recombinant (His)

General Information

Protein Construction:	A DNA sequence encoding the human CA125 (Q8WXI7-1) (Pro13810-Pro14451) was expressed with a polyhistidine tag at the C-terminus. Predicted N terminal: Pro 13810
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q8WXI7-1
Molecular Weight:	73.27 kDa (predicted); 101.25 kDa (reducing conditions)

QC Testing

Biological Activity:	Immobilized Recombinant Human MSLN / Mesothelin Protein at 2 µg/ml (100 µl/well) can bind Recombinant Human CA125 Protein (ECD, His Tag), the EC50 is 6-18 ng/mL.
Purity:	> 95 % as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 µm filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481