

CT83 Protein, Human (His, B2M)

Cat. No.:	HY-P71562
Synonyms:	CT83; CXorf61; KKLC1; Kita-kyushu lung cancer antigen 1; KK-LC-1; Cancer/testis antigen 83
Species:	Human
Source:	E. coli
Accession:	Q5H943 (1M-113T)
Gene ID:	203413
Molecular Weight:	Approximately 26.8 kDa

PROPERTIES

AA Sequence	<p>M N F Y L L L A S S I L C A L I V F W K Y R R F Q R N T G E M S S N S T A L A L</p> <p>V R P S S S G L I N S N T D N N L A V Y D L S R D I L N N F P H S I A R Q K R I</p> <p>L V N L S M V E N K L V E L E H T L L S K G F R G A S P H R K S T</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
Endotoxin Level	<1 EU/μg, determined by LAL method.
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 (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.

DESCRIPTION

Background	<p>CT83 protein exhibits specific expression in the testis, emphasizing its selective presence within this reproductive organ. Additionally, it is expressed by various cancer cell lines, suggesting a potential association with malignancies. The dual expression pattern of CT83 in both normal testicular tissues and cancer cells underscores its relevance in contexts ranging from normal physiological functions to pathological conditions. This distinctive expression profile hints at a potential role for CT83 in reproductive processes and implicates its involvement in cancer-related mechanisms. The dual expression in testicular and cancerous contexts highlights the versatility of CT83 and underscores its significance in both normal and disease-associated cellular contexts.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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