

CEACAM7 Protein, Human (His-SUMO)

Cat. No.:	HY-P72132
Synonyms:	Carcinoembryonic antigen CGM 2; Carcinoembryonic antigen CGM2; Carcinoembryonic antigen gene family member 2; Carcinoembryonic antigen related cell adhesion molecule 7; Carcinoembryonic antigen-related cell adhesion molecule 7; CEA; CEACAM 7; CEACAM7; CEAM7_HUMAN; CGM 2; CGM2
Species:	Human
Source:	E. coli
Accession:	Q14002 (T36-S242)
Gene ID:	1087
Molecular Weight:	Approximately 39.4 kDa

PROPERTIES

AA Sequence	<p>T N I D V V P F N V A E G K E V L L V V H N E S Q N L Y G Y N W Y K G E R V H A</p> <p>N Y R I I G Y V K N I S Q E N A P G P A H N G R E T I Y P N G T L L I Q N V T H</p> <p>N D A G F Y T L H V I K E N L V N E E V T R Q F Y V F S E P P K P S I T S N N F</p> <p>N P V E N K D I V V L T C Q P E T Q N T T Y L W W V N N Q S L L V S P R L L L S</p> <p>T D N R T L V L L S A T K N D I G P Y E C E I Q N P V G A S R S D P V T L N V R</p> <p>Y E S V Q A S</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm solution of 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	Carcinoembryonic antigen-related cell adhesion molecule 7 encodes a cell surface glycoprotein and member of the carcinoembryonic antigen (CEA) family of proteins. Expression of this gene may be downregulated in colon and rectal cancer. Carcinoembryonic antigen-related cell adhesion molecule 7 with lower expression levels may be predictive of rectal cancer recurrence. Carcinoembryonic antigen-related cell adhesion molecule 7 is present in a CEA family gene cluster on chromosome 19 ^{[1][2][3]} .
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Caution: Product has not been fully validated for medical applications. For research use only.

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