

CEACAM21 Protein, Human (HEK293, His)

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| Cat. No.: | HY-P7823 |
| Synonyms: | rHuCarcinoembryonic antigen-related cell adhesion molecule 21/CEACAM21, His; Carcinoembryonic antigen-related cell adhesion molecule 21; CEACAM21 |
| Species: | Human |
| Source: | HEK293 |
| Accession: | AAI06728.1 (W35-G240) |
| Gene ID: | 90273 |
| Molecular Weight: | Approximately 35.0 kDa |

PROPERTIES

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| AA Sequence | <p>W L F I A S A P F E V A E G E N V H L S V V Y L P E N L Y S Y G W Y K G K T V E</p> <p>P N Q L I A A Y V I D T H V R T P G P A Y S G R E T I S P S G D L H F Q N V T L</p> <p>E D T G Y Y T L Q V T Y R N S Q I E Q A S H H L R V Y E S V A Q P S I Q A S S T</p> <p>T V T E K G S V V L T C H T N N T G T S F Q W I F N N Q R L Q V T K R M K L S W</p> <p>F N H M L T I D P I R Q E D A G E Y Q C E V S N P V S S N R S D P L K L T V K S</p> <p>D D N T L G</p> |
| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4. |
| 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. 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. |

DESCRIPTION

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| Background | CEA21/CEACAM21, a carcinoembryonic antigen (CEA)-related cell adhesion molecule, is expressed by CEACAM21. CEA21 may be a component of membranes and is widely expressed in tissues such as bone marrow and lymph nodes. CEA21 is an innate immune receptor expressed on granulocytes and targets specific human pathogens. CEACAM21 is also a biologically plausible candidate gene for schizophrenia. CEACAM21 contains a predicted intron (a region containing a large number of human spliced ESTs and mRNAs) with SNPs consistently associated with increased risk of schizophrenia. CEACAM21 is also a Type I Diabetes Genetics Consortium candidate gene with significant association. |
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Caution: Product has not been fully validated for medical applications. For research use only.

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