Recombinant Human CEACAM7, His-tagged

Cat. No. CEACAM7-63H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Carcinoembryonic Antigen-Related Cell Adhesion Molecule 7/CEACAM7 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Thr36-Phe142) of Human CEACAM7 fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	36-142 a.a.
Description	Carcinoembryonic Antigen-Related Cell Adhesion Molecule 7 (CEACAM7) is a member of the immunoglobulin superfamily A and CEA family. CEACAM7 localizes to the cell membrane and contains one Ig-like C2-type domain and one Ig-like V-type domain. The expression of CEACAM7 is significantly decreased in rectal cancer. Differences in CEACAM7 expression levels between long-term survivors and those with recurrent disease introduce a potential tumor marker to define a subset of patients who benefit most from adjuvant therapy.
AA Sequence	NIDVVPFNVAEGKEVLLVVHNESQNLYGYNWYKGERVHANYRIIGYVKNISQENAPG PAHNGRET IYPNGTLLIQNVTHNDAGIYTLHVIKENLVNEEVTRQFYVFVDHHHHHH
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

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GENE INFORMATION

Gene Name	CEACAM7 carcinoembryonic antigen-related cell adhesion molecule 7 [Homo sapiens]
Official Symbol	CEACAM7
Synonyms	CEACAM7; carcinoembryonic antigen-related cell adhesion molecule 7; CGM2; carcinoembryonic antigen gene family member 2; CEA; carcinoembryonic antigen CGM2;
Gene ID	1087
mRNA Refseq	NM_006890
Protein Refseq	NP_008821
UniProt ID	Q14002
Chromosome Location	19q13.2

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