

# **Product datasheet for TP312214**

#### OriGene Technologies, Inc.

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### CEACAM7 (NM\_006890) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Homo sapiens carcinoembryonic antigen-related cell

adhesion molecule 7 (CEACAM7), 20 µg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC212214 representing NM\_006890

or AA Sequence: Red=Cloning site Green=Tags(s)

MGSPSACPYRVCIPWQGLLLTASLLTFWNLPNSAQTNIDVVPFNVAEGKEVLLVVHNESQNLYGYNWYKG ERVHANYRIIGYVKNISQENAPGPAHNGRETIYPNGTLLIQNVTHNDAGIYTLHVIKENLVNEEVTRQFY VFSEPPKPSITSNNFNPVENKDIVVLTCQPETQNTTYLWWVNNQSLLVSPRLLLSTDNRTLVLLSATKND

IGPYECEIQNPVGASRSDPVTLNVRYESVQASSPDLSAGTAVSIMIGVLAGMALI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK

**Predicted MW:** 29.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** NP 008821

**Locus ID:** 1087



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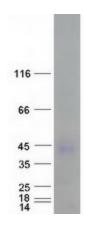
**UniProt ID:** Q14002 2292 RefSeq Size: Cytogenetics: 19q13.2 RefSeq ORF: 795 Synonyms: CGM2

**Summary:** This gene 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. Additionally, lower expression levels of this gene may be predictive of rectal cancer recurrence. This gene is present in a CEA family gene cluster on chromosome 19. Alternative

splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]

## **Product images:**



Coomassie blue staining of purified CEACAM7 protein (Cat# TP312214). The protein was produced from HEK293T cells transfected with CEACAM7 cDNA clone (Cat# [RC212214]) using

MegaTran 2.0 (Cat# [TT210002]).