

Product datasheet for TP312214

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 or AA Sequence:	>RC212214 representing NM_006890 Red =Cloning site Green =Tags(s) MGSPSACPYRVCIPWQGLLLTASLLTFWNLPNSAQTNIDVVPFNVAEGKEVLLVHNESQNLGYNWKGERVHANYRIIGYVKNISQENAPGPAHNGRETIYPNGTLLIQNVTHNDAGIYTLHVIKENLVNEEVTRQFYVFSEPPKPSITSNNFNPVENKDIVLTCQPETQNTTYLWWVNNQSLLVSPRLLLSTDNRTLVLSSATKNDIGPYECEIQNPVGASRSDPVTNLNRYESVQASSPDL SAGTAVSIMIGVLAGMALI 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:	<u>NP_008821</u>
Locus ID:	1087



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UniProt ID: [Q14002](#)

RefSeq Size: 2292

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]).