

## Product datasheet for **TP317469M**

### CEACAM3 (NM\_001815) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human carcinoembryonic antigen-related cell adhesion molecule 3 (CEACAM3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217469 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGPPSASPHRECI PWQGLLLTASLLNFWNPPTTAKLTIESMPLSVAEGKEVLLLVHNL PQHLFGYSWYKG  
ERVDGNSLIVGYVIGTQQATPGAAYS GRETIYTNASLLIQNVTQNDIGFYTLQVIKSDLVNEEATGQFHV  
YQENAPGLPVGAVAGIVTGVLVGV ALVAALVCFLLAKTGRTSIQRDLKEQQPQALAPGRG PSHSSAFSM  
SPLSTAQAPLPNPRTAASIYEELLK HDTNIYCRMDHKA EVAS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	23.4 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><a href="#">NP_001806</a></u>
Locus ID:	1084



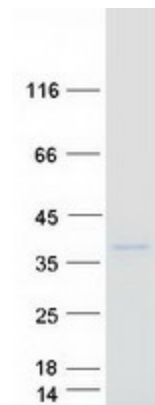
[View online »](#)

UniProt ID: [P40198](#)  
RefSeq Size: 1163  
Cytogenetics: 19q13.2  
RefSeq ORF: 756  
Synonyms: CD66D; CEA; CGM1; W264; W282

**Summary:** This gene encodes a member of the family of carcinoembryonic antigen-related cell adhesion molecules (CEACAMs), which are used by several bacterial pathogens to bind and invade host cells. The encoded transmembrane protein directs phagocytosis of several bacterial species that is dependent on the small GTPase Rac. It is thought to serve an important role in controlling human-specific pathogens by the innate immune system. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2013]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified CEACAM3 protein (Cat# [TP317469]). The protein was produced from HEK293T cells transfected with CEACAM3 cDNA clone (Cat# [RC217469]) using MegaTran 2.0 (Cat# [TT210002]).