

Recombinant Human CEACAM3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CEACAM3-2314H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CEACAM3 MS Standard C13 and N15-labeled recombinant protein (NP_001806) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	27.1 kDa
AA Sequence	MGPPSASPHRECIPWQGLLLTASLLNFWNPPTTAKLTIESMPLSVAEGKEVLLLVHN LPQHLEFGYSWYKGERVDGNSLIVGYVIGTQQATPGAAYSGRETIYTNASLLIQNVQTQ NDIGFYTLQVIKSDLVNEEATGQFHVYQENAPGLPVGAVAGIVTGVLVGVALVAALV CFLLLAKTGRTSIQRDLKEQQPQALAPGRGPPSHSSAFSMSPLSTAQAPLPNPRTAAS IYEELLKHDTNIYCRMDHKAEVASTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

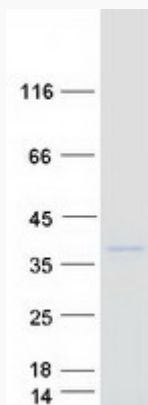
GENE INFORMATION

Gene Name	CEACAM3 carcinoembryonic antigen-related cell adhesion molecule 3 [Homo sapiens (human)]
Official Symbol	CEACAM3
Synonyms	CEACAM3; carcinoembryonic antigen-related cell adhesion molecule 3; CGM1; CD66d; CD66d antigen; carcinoembryonic antigen CGM1; nonspecific cross-reacting antigen; carcinoembryonic antigen gene family member 1; CEA; W264; W282; CD66D; MGC119875;
Gene ID	1084
mRNA Refseq	NM_001815
Protein Refseq	NP_001806
MIM	609142
UniProt ID	P40198

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SDS-PAGE

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