

Product datasheet for PH317469

CEACAM3 (NM_001815) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CEACAM3 MS Standard C13 and N15-labeled recombinant protein (NP_001806)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217469
Predicted MW:	27.1 kDa
Protein Sequence:	>RC217469 protein sequence Red=Cloning site Green=Tags(s) MGPPSASPHRECIPWQGLLLTASLLNFWNPPTAKLTIESMPLSVAEGKEVLLL VHNLPQHLFGYSWKYK ERVDGNSLIVGYVIGTQQATPGAAYSGRETIYTNASLLIQNVTQNDIGFYTLQVIKSDLVNEEATGQFHV YQENAPGLPVGAVAGIVTGVLVGVALVAALVCFLLAKTGRTSIQRDLKEQQPQALAPGRGPHSSAFSM SPLSTAQAPLPNPRTAASIYEELLKHDNTIYCRMDHKAEVAS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001806</u>
RefSeq Size:	1163
RefSeq ORF:	756
Synonyms:	CD66D; CEA; CGM1; W264; W282
Locus ID:	1084
UniProt ID:	<u>P40198</u>



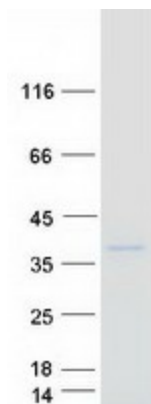
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Cytogenetics: 19q13.2

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]).