

OriGene Technologies, Inc.

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Product datasheet for PH317469

CEACAM3 (NM_001815) Human Mass Spec Standard

Product data:

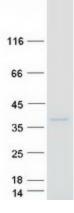
Description:CEACAM3 MS Standard C13 and N15-Jabeled recombinant protein (NP_001806)Species:HumanExpression Host:HEK293Expression cDNA Clome or AA Sequence:Rc217469Predicted MW:27.1 kDaProtein Sequence:Rc217469 protein sequence Red=Cloning site Green=Tags(S)MCPPSASPHRECIPWQCLLTASLLNFWNPPTTAKLTIESMPLSVAEGKEVLLLVHNLPQHLFGYSWYKG EXPOORSLIVGVYIGTQATPGANSGRETTYTMSLLIONYTQNDIGYTLQVIKSDLVNEEATQGPHV VQENAFCLPVGVAUGYTVCVUKULAVACUKULLVACHLAKCRASCRETSIQRDLKQ0PQALAPGRSPSHSSAFSM SPLSTAQAPLPNPRTASIYEELLKHDTNIYCRMDHKAEVASTag:C-Myc/DDKTag:C-Myc/DDKTag:S0.5 µg/µL as determined by SDS-PAGE and Coomassie blue stainingConcentration:9.05 µg/µL as determined by microplate BCA methodIbeleng Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineStorage:S1.06 at -80°C. Avoid repeated freeze-thaw cycles.Storage:163RefSeq NEr:163RefSeq ORF:76Storage:164Nongyms:1084Unigger UP1084	Product Type:	Mass Spec Standards
Expression Host:HEK293Expression cDNA CloneRC217469Predicted MW:27.1 kDaProtein Sequence:RC217469 protein sequence Red=Cloning site Green=Tags(s)Protein Sequence:RC217469 protein sequence Red=Cloning site Green=Tags(s)RVROPPSASPHRECIPWOGLLLTASLLNFWNPPTTAKLTIESMPLSVAGGKEVLLLVHNLPOHLFGYSWYGG VQENAPGLPVGAVAGIVTGVLVGAVAALVCFLLLAKGRTSIQRDLKEQQPQALAPGRGPSHSSAFSM SPLSTAGAPLPNPRTASIYEELLKHDTNIVCRMDHKAEVASTag:CMAC/DDKPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodIsterage:164eled with [U-13C6, 15N4]-LArginine and [U-13C6, 15N2]-LysineBuffer:0.50 months from receipt of products under proper storage and handling conditionsRefSeq Size:NIF 001806RefSeq ORF:55Signonyms:0.660; CEA; CGM1; W264; W282Locus ID:1084	Description:	CEACAM3 MS Standard C13 and N15-labeled recombinant protein (NP_001806)
Argession cDNA GlowRC217469Predicted MW:27.1 kDaProtein Sequence: Red=Cloning site Green=Tags(s)Protein Sequence: RCDESASPHRECIPWQGLLLTASLLNFWNPPTTAKLTIESMPLSVAEGKEVLLLVHNLPQHLFGYSWYKG ERVDGNSLTVGYUTGQATPGAAVSGRETITMASLLIQWTQNIGFYTLQVIKSDLVNEEATGQFHV YQENAPGLPVGAAVGITGYULVUVALVCFLLLASGRESIQNDLKEQQPQALAPGRGPSHSSAFSM SPLSTAQAPLPNPRTAASIYEELLKHDTNIYCRMDHKAEVASTag:CMyc/DDKTag:CMyc/DDKYourity:S80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:9.005 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:0.05 µg/µL as determined by microplate BCA methodStorage:Stora et a80°C. Avoid repeated freeze-thaw cycles.Stability:Stole for 3 months from receipt of products under proper storage and handling conditions.RefSeq ORF:163RefSeq ORF:56Storage:166D; CEA; CGM1; W264; W282Locus ID:1084	Species:	Human
or AA Sequence:Predicted MW:27.1 kDaProtein Sequence: Red=Cloning site Green=Tags(s)Protein Sequence: Red=Cloning site Green=Tags(s)MGPPSASPHRECIPWQGLLLTASLLNFWNPPTTAKLTIESMPLSVAEGKEVLLLVHNLPQHLFGYSWYKG ERVDGNSLTVGVIGQATPGAAYSGRETITINASLLIQNTQNIGFYTLQVIKSDLVNEEATCQFHV YQENAPGLPVGAVAICUTCHLAVALVCFLLLAKGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVAVLVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVAVLVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVAVLVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVAVLVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVAVLVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVAVLVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVALVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVALVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVALVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVALVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVALVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVALVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVALVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVALVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTQULVALVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTGULVALVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTGULVALVCFLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTGULVALVCFLLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTGULVALVCFLATGRTSIQNDLKEQQPQALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTGULVALVCFLATGRTSIQNDLKEQQPALAPGRGPSHSSAFSM YQENAPGLPVGAVAICUTGULVALVCFLATGRTSIQNDLKEQQPALAPGRGPSHSAFSM YQENAPGLPVGAVAICUTGULVALVCFLATGRTSIQNDLKEQQPALAPGRGPSHSAFSM YQENAPGLPVGAVAICUTGULVALVGLUKAGRTSIQNDLKAVAICUTGULVALVGLUKATON YQENAPGLPVGAVAICUTGULVALVGULVALVGLUKATON YQENAPGLPVGAV	Expression Host:	HEK293
Protein Sequence:Rc217469 protein sequence Red=Cloning site Green=Tags(s)MGPPSASPHRECIPWQGLLLTASLLNFWNPPTTAKLTIESMPLSVAEGKEVLLLVHNLPQHLFGYSWYKG ERVDGNSLTVGV1GTQQATPGAAYSGRETITTNASLLIQNVTQNDIGFYTLQVIKSDLVNEEATQGPHV YQENAPGLPVGAVAGIVTGVLVGVALVAALVCFLLLAKTGRTSIQRDLKEQQPQALAPGRGPSHSSAFSM SPLSTQQAPLPNPRTAASIYEELLKHDTNIVCRMDHKAEVASTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPurity:80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:05 rm Aris-HCl, 100 mM glycine, pH 7.3Storage: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 ORF:163RefSeq ORF:756Stongmens:0.56D; CEA; CGM1; W264; W282Locus ID:1084	•	RC217469
Red=Cloning site Green=Tags(s)MGPPSASPHRECIPWQGLLLTASLLNFWNPPTTAKLTIESMPLSVAEGKEVLLLVHNLPQHLFGYSWYKG ERVDGNSLIVGYUIGTQQATPGAAYSGRETIYTNASLLIQNVTQNDIGYTLQVIKSDLVNEEATQPHV YQENAPGLPVGAVAGIVTGVLVGVALVAALVCFLLLAKTGRTSIQRDLKEQQPQALAPGRGPSHSSAFSM SPLSTAQAPLPNPRTAASIYEELLKHDTNIYCRMDHKAEVASTag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 Size:1163RefSeq ORF:756Synonyms:CD66D; CEA; CGM1; W264; W282Locus ID:1084	Predicted MW:	27.1 kDa
ERVDGNSLIVGYVIGTQQATPGAAYSGRETIYTNASLLIQNVTQNDIGFYTLQVIKSDLVNEEATGQFHV YQENAPGLPVGAVAGIYTGVLVGVALVAALVCFLLLAKTGRTSIQRDLKEQQPQALAPGRGPSHSSAFSM SPLSTAQAPLPNPRTAASIYEELLKHDTNIYCRMDHKAEVASTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPurity:S0% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:S1 mTris-HCI, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.RefSeq:NP 001806RefSeq Size:1163RefSeq ORF:55Synonyms:D66D; CEA; CGM1; W264; W282Locus ID:1084	Protein Sequence:	
Tag:C-Myc/DKPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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:NP_001806RefSeq ORF:163Storage:56Stynonyms:D66D; CEA; CGM1; W264; W282Locus ID:1084		ERVDGNSLIVGYVIGTQQATPGAAYSGRETIYTNASLLIQNVTQNDIGFYTLQVIKSDLVNEEATGQFHV YQENAPGLPVGAVAGIVTGVLVGVALVAALVCFLLLAKTGRTSIQRDLKEQQPQALAPGRGPSHSSAFSM
Purity:> 80% as determined by SDS-PAGE and Coomassie blue stainingPourity:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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:NP 001806RefSeq ORF:1163Synonyms:CD66D; CEA; CGM1; W264; W282Locus ID:1084		TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Concentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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:NP 001806RefSeq Size:1163RefSeq ORF:56Synonyms:CD66D; CEA; CGM1; W264; W282Locus ID:1084	Tag:	C-Myc/DDK
Labeling Method:Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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:NP 001806RefSeq Size:1163RefSeq ORF:756Synonyms:CD66D; CEA; CGM1; W264; W282Locus ID:1084	Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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:NP 001806RefSeq Size:1163RefSeq ORF:756Synonyms:CD66D; CEA; CGM1; W264; W282Locus ID:1084	Concentration:	>0.05 µg/µL as determined by microplate BCA method
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Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 001806RefSeq Size:1163RefSeq ORF:756Synonyms:CD66D; CEA; CGM1; W264; W282Locus ID:1084	Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
RefSeq: NP 001806 RefSeq Size: 1163 RefSeq ORF: 756 Synonyms: CD66D; CEA; CGM1; W264; W282 Locus ID: 1084	Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
RefSeq Size: 1163 RefSeq ORF: 756 Synonyms: CD66D; CEA; CGM1; W264; W282 Locus ID: 1084	Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq ORF: 756 Synonyms: CD66D; CEA; CGM1; W264; W282 Locus ID: 1084	RefSeq:	<u>NP 001806</u>
Synonyms: CD66D; CEA; CGM1; W264; W282 Locus ID: 1084	RefSeq Size:	1163
Locus ID: 1084	RefSeq ORF:	756
	Synonyms:	CD66D; CEA; CGM1; W264; W282
LiniBrat ID: P40198	Locus ID:	1084
	UniProt ID:	<u>P40198</u>



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	CEACAM3 (NM_001815) Human Mass Spec Standard – PH317469
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]).

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