

Product datasheet for PH312214

CEACAM7 (NM_006890) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CEACAM7 MS Standard C13 and N15-labeled recombinant protein (NP_008821)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212214
Predicted MW:	29.2 kDa
Protein Sequence:	>RC212214 representing NM_006890 Red=Cloning site Green=Tags(s) MGSPSACPYRVCIPWQGLLLTASLLTFWNLPNSAQTNIDVVPFNVAEGKEVLLVVHNESQNLGYNWKGERVHANYRIIGYVKNISQENAPGPAHNGRETIYPNGTLLIQNVTHNDAGIYTLHVIKENLVNEEVTRQFYVFSEPPKPSITSNFNPNVENKDIVVLTCPETQNTTYLWWVNNQSLLVSPRLLLSTDNRTLVLLSATKNDIGPYECEIQNPVGASRSDPVTLNVRYESVQASSPDL SAGTAVSIMIGVLAGMALI 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_008821
RefSeq Size:	2292
RefSeq ORF:	795
Synonyms:	CGM2
Locus ID:	1087
UniProt ID:	Q14002

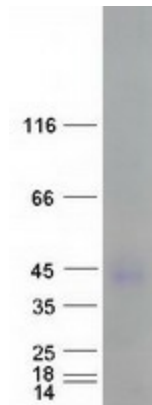


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Cytogenetics: 19q13.2

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]).