

Recombinant Full Length Human CEACAM7 Protein, C-Flag-tagged

Cat. No. CEACAM7-1835HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CEACAM7 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	29.2 kDa
AA Sequence	MGSPSACPYRVCIPWQGLLLTASLLTFWNLPNSAQTNIDVVPFNVAEGKEVLLVVHN ESQNLGYGNWYKG ERVHANYRIIGYVKNISQENAPGPAHNGRETIYPNGTLLIQNVT HNDAGIYTLHVIKENLVNEEVTRQFY VFSEPPKPSITSNNFNPVENKDIVLTCQPET QNTTYLWWVNNQSLLVSPRLLLSTDNRTLVLSSATKND IGPYECEIQNPVGASRSD PVTLNVRYESVQASSPDLSAGTAVSIMIGVLAGMALI TRTRPLEQKLISEEDLAANDIL DYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

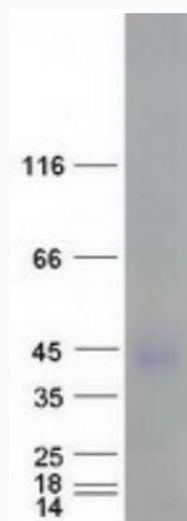
GENE INFORMATION

Gene Name	CEACAM7 CEA cell adhesion molecule 7 [Homo sapiens (human)]
Official Symbol	CEACAM7
Synonyms	CGM2
Gene ID	1087
mRNA Refseq	NM_006890.5
Protein Refseq	NP_008821.2
MIM	619160
UniProt ID	Q14002

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Coomassie blue staining of purified CEACAM7 protein.

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