

CEACAM7, 36-242aa, Human, His tag, E.coli

Cat.NO.: TP01572

3th Edition

Synonyms: Carcinoembryonic antigen-related cell adhesion molecule 7, CEA, Carcinoembryonic antigen related cell adhesion molecule 7

Description: CEACAM7 belongs to the immunoglobulin superfamily. This protein contains 1 Ig-like C2-type (immunoglobulin-like) domain and 1 Ig-like V-type (immunoglobulin-like) domain. CEACAM7 is strongly down-regulated in colonic adenocarcinomas. Recombinant human CEACAM7 fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol.

Molecular Weight: 25.7kDa (230aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSTNIDVVPFNVAEGKEVLLVVHNESQNLGYGNWYKGERVHANYRIIGYVKNIS
QENAPGPAHNGRETIYPNGTLLIQNVTHNDAGIYTLHVIKENLVNEEVTRQFYVFSEPPKPSITSNNFNPVENKDIVV
LTCQPETQNTTYLWWVNNQSLVSPRLLLSTDNRTLVLVSATKNDIGPYECEIQNPVGASRSDPVTLNVRYESVQA
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Purity: > 95% by HPLC

Concentration: 0.25 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.