

CEACAM5

Native Human Carcinoembryonic antigen (CEA)

Catalog No.	CSI13563A CSI13563B	Quantity:	100 µg 500 µg
Alternate Names:	Carcinoembryonic antigen-related cell adhesion molecule 5, Carcinoembryonic antigen, CEA, CD66e, Meconium antigen 100		
Description:	<p>Carcinoembryonic Antigen (CEA) is a member of the Carcinoembryonic Antigen family, which belongs to the Immunoglobulin superfamily. CEA mediates cell adhesion via homophilic as well as heterophilic binding to other proteins of the subgroup. Multiple cellular activities have been attributed to the CEAs, including roles in the differentiation and arrangement of tissue three-dimensional structure, angiogenesis, apoptosis, tumor suppression, metastasis, and the modulation of innate and adaptive immune responses. CEA is normally produced during fetal development, but the production of CEA stops before birth.</p> <p>Azide Free formulation is also available in the 500 µg size.</p>		
UniProt ID:	P06731		
Gene ID:	1048		
Source:	Purified Human colon carcinoma		
Molecular Weight:	~180 kDa		
Concentration:	~1.0 mg/ml, lot specific		
Formulation:	Liquid solution, 10 mM PBS, pH 7.5, with 0.1% NaN ₃		
Purity:	>98.0% by SDS-PAGE		
Purification:	Immunoaffinity chromatography		
Storage & Stability:	Store at 2-8°C for immediate use otherwise store in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		
Infectious Disease Statement:	Tissue extract tested at the donor level and found to be negative for anti-HCV, anti-HIV -1/2 and HBsAg by EIA.		

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